

Minutes of the Open Forum Held in Palco Hotel Conference Hall Havana. March 20, 2003

The Forum was opened at 15:30h

1. Mrs Esperanza Bobes from Cuba was presented as the Coordinator for the Latin America and Caribbean region until the election of the new Vice-President takes place.
2. To establish the training of human resources from the area in the topic of sports informatics and information with a new perspective based on the model presented by Mexico and Cuba.
3. To propose to PASO "Pan American Sports Organization" to analyze the proposal presented by Cuba and Mexico of including in their Olympic Solidarity Courses the topic of Sports Information.
4. It was proposed that IASI presidency should present to PASO presidency the intention of support to the group's request regarding the topic of training of the area's human resources.
5. The representative of the Sasakawa Sports Foundation encourages Latin America to present in English language the sports information and at the same time they will work on the translation of the sports information generated by their foundation into English.
6. By request of Mrs. Erika Schwarz, Mrs. Esperanza Bobes was proposed to coordinate in the Latin American area the topic related with the needs demanded by IASI representatives.
7. It was proposed to look for alternatives in order to decrease the costs of SPORTSDISCUS database for the countries of the Latin American area.
8. Colombia proposes the search of any alternative for the free "on line" sports information for the students of the Sports and Physical Education Universities. Chile agrees with this proposal and requests the sharing of these information resources.
9. The Sasakawa Sports Foundation requests the participation of Latin America in the topic of Sports for All
10. The members of the region request to have information about the IASI activities after this meeting.
11. Mrs. Jill Haynes from Australia recommends to the Latin American region to present its proposals of events according to their requirements.

**AD HOC WKG "Members Survey" REPORT
IASI MEETING HAVANA, CUBA March 2003**

by

Erika Schwarz, Higher Sports Council of Spain

Erika.schwarz@csd.mec.es

Members of the WKG and other IASI members responsible (according to the IASI Working Programme 2002-2003):

Erika Schwarz (Chair)

Li Tak Nang

Jose Aquesolo

Vice Presidents

I am afraid that once again I shall have to start my report by apologizing for not having been able to carry out the tasks I had proposed after the last year's Exco meeting in Barcelona.

This is due to some internal changes in the structure of the Higher Sports Council of Spain which occurred after last year's meetings and an even increasing lack of staff in my Service. In addition in the course of the year severe health problems both in my family in Austria as in my husband's family have come up the course of which cannot be foreseen. As you all know, unfortunately another important and very active IASI member, Jose Aquesolo, who joined the working group last year, has even had to resign from the post as Executive Secretary for professional and personal problems. We all appreciate his important contribution during so many years and we shall miss him very much. As a matter of fact, as you will have realized, 2002 was not a good year for any of the three Spanish Exco members.

For this reason, my report will be very short. In the Addenda you will find the summary of what was said and decided last year in Barcelona, the working programme and timetable I had proposed and the very small progress, not worth to be mentioned, achieved. I should like to stress that there have been no expenses and nothing of the budget allotted to the project last year was used.

I suggest to use the Addenda as a starting point for this year's discussion.

Due to the problems mentioned above, at present, mainly due to my personal problems, I consider it would be irresponsible to chair the working group in the next future or take over important commitments which I cannot promise to comply with.

I hope there will be other IASI members in a better condition and willing to accept joining the group and do a better job.

I also hope that we shall overcome the manyfold problems IASI members are going through at present and which unavoidably have a negative impact upon IASI's aims and projects. Over the years of its existence IASI has proved to be a strong, flexible and adaptable association, and therefore I am confident in its future.

ADDENDUM I

WORKING PROGRAMME ahWG Members Survey 2002-2003 (IASI WORKING PROGRAMME 2002-2003)

Draft prepared by Erika Schwarz April 2002 after EXCO-Barcelona.

This paper was sent to the Executif Secretary and to the President of IASI in May 2002.
(Note: Point 1 is just to remember what was said mainly before the EXCO session)

Agenda IASI 2002 Barcelona B.4.1. Members Survey (point B.4. Follow up of the ahWg).

1° Informal meeting A. PONCET, Li Tak Nang and E. Schwarz prior to EXCO-session

Comments by Poncet:

- What are the needs of your main public
(cf. Typical questions)
- What are your needs as a centre to meet the needs of your users
 - Education
 - Technology
 - Etc.
 - (avoid answers like "more money")
- What do you expect from IASI

Recommendation:

Open questionnaire (not limited to answers YES or NO)

Three previous steps (take in account the relation of Survey with the IASI Marketing plan):

- 1) Define main items of the questionnaire
- 2) Submit to the IASI vice presidents to define the detailed questions they want under every main item (different views and needs are expected to be suggested by different regions and groups)
- 3) Test questionnaire

Then SURVEY

Erika Schwarz in charge of:

- Working out guidelines and draft questionnaire
- Email it to the Vice presidents

Li Tak Nang apologises for not submitting ideas because of lack of experience.

Notes from discussion of other items:

Question "IASI's Mission"

Include in the questionnaire? What should the mission of IASI be?

2° Presentation by Erika Schwarz of the report prepared for the Barcelona 2002 meeting and discussion during the session B 4.1. by the EXCO:

Erika Schwarz pointed out that she had no experience in the direct drafting of the kind of questionnaire needed for the survey and invited IASI members with more experience to join the working group.

As an alternative, she suggested allotting a certain amount of the budget to pay an expert in this matter.

SUMMARY OF THE DISCUSSION:

- Aim of the working group at this stage: **SET UP A FRAMEWORK FOR SURVEYING USER'S NEEDS (only INSTITUTIONAL needs)**

- Take into account relation between this project and the IASI Marketing plan

- Opposite opinions concerning the questionnaire:

Some consider the questionnaire should be an **open** one (not limited to answers YES/NO) (e.g. Poncet)

Others on the contrary think it should **not be open** (e.g. COLEMAN)

(Note: to be clarified/decided)

- Recommendation: Avoid questions in the questionnaire raising expectations impossible to be fulfilled by IASI

The following Main Items were suggested as a starting point for the Questionnaire to be developed:

- What are the needs of your main user groups? (See existing standard surveys)
- As Information Centre, what do you do to respond to your users' requests, and which are your needs to be able to satisfy them? (Exclude answers like "I need more money...")
- What do you expect from IASI?

Suggestion made during the discussion: Include the needs of potential future IASI members

-Budget allotted by the EXCO in Barcelona to the working group for 2002: 1.500 US \$
(Note by Erika Schwarz 13/03/03: *nothing of it was used*)

- David Coleman gave a list of suggestions for the survey and the questionnaire to Erika Schwarz during the Barcelona meetings.

(Note by Erika Schwarz 13/03/03: *Mr. Yamaguchi might be asked to join the working group for having some experience in questionnaires as a result of the TAFISA project*)

Three steps for the working group during 2002-2003 (c.f. summary in the IASI WORKING PLAN 2002-2003, sent out by email by Jill Haynes on 25/03/02):

Steps and tasks:	Deadlines	Commitments:
STEP ONE: Define main items of		

Steps and tasks:	Deadlines	Commitments:
the questionnaire.		
1) Exco-members are requested to send suggestions by email to Erika Schwarz after the Barcelona 2002 meetings (additional members for the working group are welcome): deadline 15/05/02 (*)	15/05/02	Erika Schwarz <i>(Note by Erika Schwarz 13/03/03: accomplished, there were no further suggestions nor any new members to be appointed)</i>
2) First draft questionnaire (results of point 1)	30/06/02	Erika Schwarz <i>(Note by Erika Schwarz 13/03/03: it is suggested to use the sample survey presented by Mr. Coleman - see ADDENDUM II - as a starting point)</i>
3) Send first draft to the Vice presidents (and the other members of the working group)	31/07/02	Erika Schwarz <i>(Note by Erika Schwarz 13/03/03: point not accomplished, nor any of the following)</i>
STEP TWO: Define questions under every main item		
4) Vice presidents send their suggestions for concrete questions they want under the main items to Erika Schwarz	30/09/02	Vice presidents
5) Analysis and summary of suggestions received - 2 nd draft questionnaire		Erika Schwarz and the other members of the working group A non IASI affiliated expert, if necessary
6) 2 nd draft questionnaire to be sent to EXCO-members	15/11/02	Erika Schwarz
STEP THREE: Testing the questionnaire		
7) The questionnaire will be submitted to a few randomly selected institutional members in the different regions in order to be tested Note: to be decided: - how many to be tested - where/who Deadline for reception of the answers by the tested members	31/12/02	Erika Schwarz and the other members of the working group
8) Analysis of answers and elaboration of documents to be presented and discussed/approved at the 2003 EXCO meeting: a) Final draft questionnaire b) Report to the EXCO c) Proposals and working plan of the	Before the Meeting 2003	Erika Schwarz, with the help of the other members A non IASI affiliated expert (questionnaire), if necessary

Steps and tasks:	Deadlines	Commitments:
group for the next period		
PURPOSE OF THE SURVEY:		
<ul style="list-style-type: none"> - The results should direct the members' work towards a more efficient action - They should make IASI better aware of the needs of its members (which reflect the needs of their users) - They should be integrated in the IASI working plans and also be taken into account for the IASI marketing plan, and Website. 		

(*) Only EXCO member who submitted suggestions: David Coleman (in Barcelona, see ADDENDUM)

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IASI WORKING PROGRAMME 2002-2003 (extracted from paper by Jill Haynes)

Task	Responsibility	Sub-tasks for group
Members survey	Erika Schwarz (Chair) Li Tak Nang Jose Aquesolo Vice Presidents	<ul style="list-style-type: none"> • Define broad topics for survey for IASI members (May 15 2002) • Vice Presidents to prepare questions under broad topics for their region • Expert advice sought on design of survey • Determine need for future survey of potential members needs

ADDENDUM II:

Suggestions presented by David Coleman to Erika Schwarz during the IASI-EXO Barcelona 2002:

This paper might be used as a draft to be used for discussion at the 2003 IASI EXCO in La Habana - Cuba

Principles

- 1) Annual member survey sent out in time so that results can be reported at the Executive Committee. Sent out e-mail and post
- 2) Dedicated section of web site for members to post comments and suggestions - reminder of this in the newsletter
- 3) Results of annual membership survey published on the website and sent by post to all members and in newsletter
- 4) Following EXCO consideration of survey it may be sensible to produce an article to be disseminated via national library, information, sport etc. journals/websites
- 5) Attempts should be made to "benchmark" results year on year so that comparison can be made and targets for improvement established (you can check out Sport England's survey at www.sportengland.org, go to leadership factor report on home page.

Purpose of Survey:

- 1) Make clear to members what role/mission of IASI is
- 2) Engage a response from members about how they think we should do this
- 3) Look to ask members how we can add value to their own experience/role

SAMPLE SURVEY

IASI has recently re-defined its mission as "to develop and promote the value of sports information".

We will take a leading role in this internationally and nationally through our work programme in order to ensure that sports information, research and knowledge is valued and understood.

1) Do you agree with IASI's mission?

YES	NO	COMMENTS:

2) What means should IASI pursue to achieve this mission?

- a) Establish international/national standards for sports information

YES	NO	COMMENTS:

b) Ensure that international/national organisations responsible for sport develop/adopt a strategy for sports information?

YES	NO	COMMENTS:

3) Does your organisation have a policy for sports information?

YES	NO	COMMENTS:

a) If yes, is this policy recognised by the national strategy for sports information?

YES	NO	COMMENTS:

4) Please indicate which of the services below is provided by your organisation:

List of the whole range of services/products we wish to have information on to follow

5) Please indicate which of the above services you would like to receive more information from IASI on:

List of the whole range of services/products listed in 4 to follow

6) Please indicate if you use/are aware of the services provided by IASI:

LISTSERV	YES	NO	COMMENTS:
Sports information centre brochure	YES	NO	COMMENTS:
World Congress	YES	NO	COMMENTS:
Website	YES	NO	COMMENTS:
Newsletter	YES	NO	COMMENTS:
OTHERS?	YES	NO	COMMENTS:

7) What sort of cooperation should there be among sports information providers at international, national and regional level?

8) Please indicate any issues you think IASI should be considering?

Please respond to.....by.....

Your submission will be acknowledged.

Thank you for taking the time to help IASI in improving its work programming

The outcomes of this survey will be published on the IASI website and reported in the Newsletter.

**AD HOC WKG "IASI Website" REPORT
IASI MEETING HAVANA, CUBA March 2003**

by

**Gretchen Ghent , Chair & IASI VP North America and Publications
Officer**

gghent@ucalgary.ca

1. Committee Members

Gretchen Ghent, IASI Publications Officer, gghent@ucalgary.ca
Jean-Michel Johnson, SIRC, Director, Indexing Services (until July 2, 2002)
Anitta Palvimaki, LIKES, Finland, anitta.palvimaki@library.jyu.fi
Roland Regner, U of Leipzig, regner@iat.uni-leipzig.de
Ervin Sramel, Slovenia, ero@spic.tv
Esperanza Bobes Ruiz, INDER, Cuba, bobes@inder.co.cu
Ex-Officio: Alain Poncet, INSEP alain.poncet@insep.fr

2. Work to be Done by the ahWG, 2002-2003

- A. Add the new Statutes and By-Laws in PDF format
- B. Implement the new World Directory of Centers of Sport Expertise when it is ready
- C. Add the Guides to Database Research (in Publications section) when they are completed (This should include: guides to searching SPORTDiscus, Heracles, SPOLIT, SPONET)
- D. Update the Recent Activities part of the About IASI section, if necessary
- E. Complete the section on IASI Congress Proceedings

3. Work Accomplished in 2002

In May, work began on the updating of the IASI website whereby the President's and VP annual reports and other annual meeting documents were sent to Jean-Michel Johnson at SIRC. These documents were changed to PDF format prior to the other updates being submitted. In the preceding year the updating proved to go smoothly if all the major documents had this initial preparation. With the resignation of Mr. Johnson in July, SIRC's President then designated a SIRC representative to see to the website updating for IASI. Susan Duncan, SIRC's Director of Computer Operations and the SPORTQuest webmaster and was asked to be the IASI website contact person. By October/November all the updates were submitted and the website fully updated by December 5, 2002. These updates took approximately 14 work hours of Susan's (and her staff's) work time (total time during the year 2002), well within the 24 work hours maximum in the IASI-SIRC Hosting Agreement (See Appendix A below)

The following are the highlights of changes, updates and enhancements made to iasi.org, section by section.

Section 1. Home Page

The IASI Mission statement (To Develop and Promote the Value of Sports Information) was added at the top of this section. As befits this overall goal, it has a prominent position on this introductory page.

Section 2. Membership

This entire section was updated to include the new membership categories, the new bank accounts (US dollar and Euros) to which membership fees may be paid, and the contact information for IASI's new Treasurer, Anitta Palvimaki. The November 2002 membership list was added in PDF format (the old membership list was deleted).

Section 3. Listserv

Parts of this section were re-written so that the instructions were clearer on how to join the listserv, view the archives, and use IASI-L.

Section 4 Contact Us

Only two minor changes in contact information were made in 2002

Section 5 About IASI

The updated Statutes and By-Laws approved by General Assembly of 1st December 2001 and published Feb 2002 were PDF'd and added. The old Statutes/By-Laws were deleted. The name of the IASI Directory was updated to the new name: World Directory of Sport Information Centres and Experts (<http://www.directory-iasi.org/>). The new Portuguese regional group was added: CPLP-Sport (Comunidade des Pais de Lingua Portuguesa – Sport / Portuguese Speaking Countries Community – Sport). Other minor housekeeping changes were made also.

Section 6. Congresses/Meetings

The major update was the preliminary information on the 12th IASI World Congress, Beijing, People's Republic of China, May 19 to 21, 2005 with the theme, The Value of Sport Information: Towards Beijing 2008. The First Congress Announcement of October 2002 was added in PDF format. The information on the Congress's organizing committee has not been completed for, at the time of this update, only the two IASI members were known.

The Forthcoming Annual Meetings part saw the addition of the Havana meeting 2003, the general information on 2004 in Portugal and the 2005 in Beijing.

Section 7. Publications

In the Publications section, the index to publications on this section's home page was updated to include the reports from the Treasurer, Executive Secretary and Publications Officer. Then all the annual reports in PDF format were added from the Barcelona meeting. In these various parts, the wording at the top was revised so that this introductory sentence would not have to be changed in the future.

In the Congress Proceedings part, the 9th Rome (1993), 8th, Dresden (1985), 7th Snagov (1981), sections were added and/or updated. Also the Workshop Proceedings for the 2001 Congress in Lausanne were placed right under the main proceedings information.

In the Contributions to Other Publications section, the contents of **Perspectives, vol. 4**, Sport Information and Technology were added.

During the year the IASI Newsletters were added by SIRC in a timely fashion, very soon after publication. The November 2002 issue was added also (in PDF format)

Section 8. Affiliations

No changes were made

Section 9. Sport Information Centres

The links and wording on iasi.org for this Directory was updated during the summer after the name had been revised and the Directory had a substantive amount of information. It is now known as the World Directory of Sport Information Centres and Experts (<http://www.directory-iasi.org/>).

Section 10. Links

Minor changes were made here. The question posed last year to IASI ExCo members remains unanswered. IASI ExCo members should consider whether this section should have more links and make suggestions to the Chair or ahWG members.

4. Enhancements and Updates to iasi.org to be Accomplished in 2003-2004

Write Search Guides for: SPORTDiscus, Heracles, SPOLIT, SPONET

Database	Persons Responsible	Comments
SPORTDiscus:	Gretchen Ghent with Linda Wheeler**, SIRC	Propose to do basic search guides for the EbscoHost, OVID and Silverplatter vendor applications. EbscoHost already has a search guide of sorts that gives Searching Tips, Boolean Operators, Grouping Terms Together and a list of Searchable Fields (ca. 1995)
Heracles:	Alain Poncet	A French and English search guide is available on the website: http://www.sportdoc.unicaen.fr/heracles Permission has been granted to include it also on IASI.org.
SPOLIT:	Dr. Martin-Peter Büch, Director	Database now available from the BISp website: http://www.bisp.de/Produkte/datenbank_neu/hilfe_cd.htm An inquiry has been sent to find a person willing to write a search guide in English.
SPONET:	Hartmut Sandner** or his designate	Website: http://www.iat.uni-leipzig.de/iat/sponet/default.htm Basic search instructions are available on the home pages of this website..

** Has agreed to write guide or assist

Add an Index at the Top of the About IASI section, with major headings:

Introduction	Members
IASI History	Current Ad Hoc Working Groups
IASI Goals & Objectives	Regional Groups and Networks
Recent Activities	Statutes/By-Laws
Executive Structure	Past Presidents

Update the IASI Information on Websites in Spanish, Portuguese, French and Italian

Suggested Person(s) responsible:

Language	Person(s) Responsible	Website Address
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Spanish	Inquire whether Mrs. Carmen Garcia, Asst. to Jose Aquasolo can do this later in 2003	http://www.uida.es/iasi/iasi.html
French	Staff member of Alain Poncet	http://www.insep.fr/Sid/iasi/index.html
Italian	Claudia Galletti, CONI-Scuola dello Sport**	http://www.iasi.org/iasitalian.html
Portuguese	Laercio Pereira in Brazil & Joao Paulo Rocha**, in Lisbon	http://www.cev.org.br/princ.htm

**Has been contacted and agreed to do updating or assist in the updating

Add the 2003 annual reports from the President, Vice-Presidents, Executive Secretary, Treasurer, Publications Officer

Appendix A. Agreements

Procedures for Updating [iasi.org](http://www.iasi.org)

As no objections were expressed during 2002 concerning these procedures, it is assumed that they are implemented:

- All requests for updating the contents of the IASI.org website are to be sent to the IASI Publications Officer.
- Changes or updates to the format of the IASI website are the responsibility of the ahWG IASI Website.
- For the most part, all fulltext reports and documents placed on **iasi.org** will be in PDF format to conserve on time needed to do updates and/or additions to the website

IASI/SIRC [iasi.org](http://www.iasi.org) Hosting Agreement

This hosting agreement has been revised from the previous year, and now shows the SIRC contact person, Susan Duncan.

- SIRC agrees to host **iasi.org** as a cooperative partner with IASI.
- Copyright of the contents of **iasi.org** belongs to IASI.
- Domain registration fee payment is the responsibility of the IASI Treasurer (Presently registered with Network Solutions, <http://www.networksolutions.com/> and is paid up to March 30, 2005)
- Contact person at SIRC is Susan Duncan who will do or designate a staff member to do the updates to the **iasi.org** website
- IASI will pay for major updates or reorganization projects for the IASI website.
- SIRC agrees to provide, on a yearly basis, 24 hours work time for maintenance and the miscellaneous updating of the IASI website.

Website Goals and Objectives

The general objective for **iasi.org** is to produce an informative, content rich website that meets the educational, informational and service objectives of IASI. The website should present and display:

- a rational organizational structure,
- is easy to navigate and loads quickly,
- has a consistency in format, font, and color to promote readability
- includes many of the major IASI annual and quadrennial reports, publications and association information in PDF format

Respectfully submitted,

Gretchen Ghent, Librarian Emeritus

VP for North America and Publications Officer, International Association for Sport Information

Chair, North American Sport Library Network

C/o The University of Calgary Law Library

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**AD HOC WKG" Review and Recommend Methods for Acquiring and
Disseminating Sport and Physical Education Test Information " REPORT
IASI MEETING HAVANA, CUBA March 2003**

by

**Gretchen Ghent , Chair & IASI VP North America and Publications
Officer**

gghent@ucalgary.ca

AhWG Committee Members:

Ayala Maharik, Chair (until Oct. 2002)

Gretchen Ghent, Chair (Nov. 2002+)

Hartmut Sandner

Jean-Michel Johnson (until July 2002)

Ervin Sramel

Yasuo Uamaguchi

Introduction

At the IASI Annual Meeting in April 2002, IASI ExCo created the Ad Hoc Working Group to Review and Recommend Methods for Acquiring and Disseminating Sport and Physical Education Test Information (informally known as ahWG on Tests). Hartmut Sandner, IASI ExCo member from the University of Leipzig in Germany suggested that this review be done. His main proposal is that IASI members sponsor or be involved in the creation of a test database. Accompanying this request was an outline of the suggested field structure for a test database.

To gauge whether this is a feasible undertaking, a test questionnaire was created and sent to members of the IASI listserv, IASI-L. The questionnaire was intended to elicit the sources of information in use presently, whether they were adequate, and whether there is staff interested in indexing tests for a test database.

Results of the Test Questionnaire

Fifteen IASI members answered the questionnaire with two other responses given in narrative form. The responses were mainly from people whose first language is English as is their documentation center or library's clients. The narrative answers to B and C have been paraphrased to protect the identity of the respondents.

A. In the past year the following sources were used:

Source	YES	NO
SPOLIT http://www.dimdi.de/engl/dimadren.htm	4	11
SPORTDiscus http://www.sirc.ca	17	1
SPONET http://www.iat.uni-leipzig.de/iat/sponet/default.htm	3	12
MEDLINE http://www.ncbi.nlm.nih.gov/PubMed/	15	0
PSYCHLIT	12	3

American Psychological Association		
Ostrow, A. <i>Directory of Psychological Tests in the Sport and Exercise Sciences</i> 2nd ed, Morgantown, WV: Fitness Information Technology, 1996	7	8
Ostrow's Online Directory of Psychological Tests in Sport and Exercise Sciences http://www.fitinfotech.com/electronic.tpl	0	15
<i>Kirby's Guide to Fitness and Motor Performance Tests</i> , edited by Ronald F. Kirby. Cape Girardeau, MO: BenOak Publishing, 1991. 458 p. (out of print)	3	12
<i>A Comprehensive Guide to Sports Skills Tests and Measurement</i> , by D. Ray Collins and Patrick B. Hodges. 2nd ed. Lanham, MD: Scarecrow Press, 2001.	3	12
Buros Institute for Mental Measures http://www.unl.edu/buros/	1	15
Other: (Please list the source)		
Bös, Klaus, <i>Handbuch sportmotorischer Tests</i> , Göttingen/Toronto/Zurich, Verlag für Psychologie, Dr. C.J. Hogrefe, 1987.		
EMBASE: Rehabilitation and Physical Medicine, 1974- NY: Elsevier Science		
Focus on Sports Science Medicine (CD ROM Cumulation), 1993- Philadelphia, Institute for Scientific Information.		
Franklin, Barry A, et al. <i>ACSM's guidelines for exercise testing and prescription</i> , 6th ed. Philadelphia, Lippincott Williams & Wilkins, 2000.		
Mainka, E. & Theinert, H. <i>Sportmotorische Tests im Bereich des Freizeit und Erholungssports</i> , 1984.		
Polish Sport Science & Physical Education Bibliographic Database.		
Schell, John, and Leelarthaepin, Boonseng. <i>Physical fitness assessment in exercise and sport science</i> , 2nd ed. Sydney, Leelar Biomedical Services, 1994.		

B. Of the sources listed above, select the source used the most and explain how it was used.

Most respondents mentioned that SPORTDiscus was their primary source of information with others saying Medline or SPOLIT is important. Other sources mentioned included the SMART database from the National Institute of Sports Medicine in the UK, PsychLit, and SPONET, SPOWIS. In addition two respondents cited national databases that were available in their home language.

Other comments:

- ❖ “We use the Kirby guide the most frequently and we use it in one of two ways:
 - we know the name of the test and we are looking for basic overview of the test, as well as “norms” articles, or
 - we know what we want to measure and need to find a test that will provide that measurement. (I must also note that the majority of users of any of our test manuals are college students working on research papers. The sport science/medicine staff periodically request test research, but quite infrequently).”
- ❖ SportDiscus – generally need the source of the original article were the test was first explained.

C. Future Needs

C.1 What enhancements or resources are needed to improve the access to information on sport sciences tests?

Comments:

- ❖ Ensure a comprehensive and accurate description of tests in the Sport Discus Thesaurus
- ❖ Add a subfield code in SportDiscus to indicate an original test research paper.
- ❖ All tests should be available online with their test manuals (however this respondent cautioned that there may be a problem with this. If an unskilled person or someone who is not very knowledgeable uses an online test, this person may not know how to conduct the test properly and morally this should not be done)

C.2 Would you or one of your staff be willing to index tests for a Tests Database?

Of the fifteen respondents to this question, one person replied that they were willing to index tests for a test database with one additional person unsure of what was involved. Thirteen respondents said that there were no staff resources to index tests or that this field requires special knowledge which is not available at the library or documentation center.

In addition to these answers, the following was submitted:

- ❖ “I’m not sure I see the value or the point of IASI actually producing this database, especially as a separate database from Discus or Spolit. The more I consider this project, the more I feel that our role should be to find a reputable and interest publishing partner and work with them to create a useable end-product. I am very leary of volunteer-based projects such as this – who will coordinate the effort, who will provide quality control, who will market the product, who will ensure its continued effort as staffs and organizations change? I’m happy to see this questionnaire because I hope it leads IASI members to a more in-dept discussion of the proposed project.”
- ❖ “I’m not sure if there is a need for a separate Test Database – maybe Sport Discus records could be enhanced with this information. My philosophy has been to enhance records – have one main database. I do not like the idea of setting up lots of little databases – they seem to die or take a lot of work.”
- ❖ “Would be helpful to have note on bibliographic citations (such as in SPORTDiscus) as to whether the test itself is described in full, rather than just discussing results... For example, if the test includes or consists of questions, whether the questionnaire is reproduced in its original form in the document (as it can be in the appendix to a thesis). Alternately, would be useful as a note to know where one could locate original or full descriptions of the test, such as the original book or report or journal article. Research often describes results and inferences, but not exactly how the test was done.”
- ❖ There should be a section on “tests and measurements on a web page including the sites (and sources) mentioned in this questionnaire”.

Database Structure

For comparison purposes the test database structure submitted by Hartmut Sandner is shown alongside two other test databases already in existence.

Database Record Structures Comparisons

Ostrow's Database of PTSES	Heath and PsychoSocial Instruments, U. Pittsburgh	University of Leipzig
	Accession Number	
Title of test	Title of test	Name (of Test 1)
Authors of test	Authors of Test	Authors of Test (9)
Source (original refereed pub cit)	Source	
Purpose		Purpose, ability and skill to be tested (2)
Description	Abstract	Conception – Description inc. verbal, graphic video (4)
	Descriptors	
Construction (Procedures to develop test)		General/technical requirement e.g. space, equipment, hardware, software (6)
Reliability	Reliability (Reported=Y; Not reported=X) <ul style="list-style-type: none"> ◆ Internal Consistency ◆ Parallel Forms ◆ Test-retest ◆ Inter-Rater 	Monitored and Analysed Data? (5)
Validity	Validity (Reported=Y; Not reported=X) <ul style="list-style-type: none"> ◆ Content (Y or X) ◆ Criterion (Y or X) ◆ Construct (Y or X) 	Range of Validity e.g. age, sex, level of fitness (3)
Norms		Existing Normative values (8) Test Authenticity (7)
Availability – Name and address of author(s)	Name and Address of Author	Name and Address of author
Email of Author		yes
References	References	Biblio citations in literature, print and WWW sites (11 and 12)
	Update Code	
		Similar procedures (10)

Questions to be Considered by IASI Members at the Annual Meeting in Havana
As suggested by the above test questionnaire comments:

1. Should the creation of a test database be discussed further by IASI Members?
2. Should SIRC be asked to look into the enhancement of present records in the SPORTDiscus database?
3. Other?

Respectfully submitted,

Gretchen Ghent, Librarian Emeritus

VP for North America and Publications Officer of the International Association for Sport Information

Chair, North American Sport Library Network)
C/o The University of Calgary Law Library
2500 University Dr. NW, Calgary, Alberta, Canada T2N 1N4
Tel: 403-220-6907 FAX: 403-282-6837
Email: gghent@ucalgary.ca
NASLIN website: <http://www.sportquest.com/naslin/>
Scholarly Sport Sites: <http://www.ucalgary.ca/library/ssportsite>

**12th IASI World Congress and IASI Annual Meeting
Beijing, May 16 - 22, 2005
Held at the Beijing Sports University**

Basic Time Table:

May 14 -18	Participants arrival
May 16 - 18	IASI Annual Meeting and General Assembly
May 19 - 21	12th IASI World Congress
May 22	Sightseeing
May 22 - 23	Departure

**12th IASI World Congress
May 19 - 21, 2005
Beijing,**

Theme Title: **The Value of Sport Information: Towards Beijing 2008**

Time Table for Congress Announcements, Paper submission, printing etc.

May 31, 2002	Program Committee: Section abstracts to be completed and sent to Cindy Slater, Chair
August 15, 2002	Program Comm: Cindy completes editing and seeks approval by Beijing Organizers and ProgCom. members
September – December 2002	Draft of first, informal notice about the Congress is written by the IASI Executive Committee, the Beijing organizers (Cindy has completed a draft) .
April 1, 2003 or earlier	First notice about the Congress is disseminated by email to IASI members, other related listservs, key sport periodicals/newsletters and on IASI website
	Information for Second Announcement sent to Local Organizers
May 1, 2004	Second Notice (printed format with Congress logo) about the Congress is disseminated by mail and on website
Sept. 1, 2004	Abstracts of Papers are to be Submitted to the Program Committee
Dec. 1, 2004	Authors will be informed of acceptance of papers
Feb 1, 2005	Fulltext of Papers to be Submitted to the Program Committee
Feb 1, 2005	Registration Fees deadline for all authors whose papers and posters were accepted (otherwise Papers and Posters will be rejected)
	Local Organizers Compile Proceedings and Final Program and send to printers.

Registration Fee: \$200

Congress Committees

Local Organizers:

Chair:
Members:
MA Tie, Email: chinamatie@163.net
WANG HuanFu, Email: wanghuanfu@163.net

Program Committee

Chair: Cindy Slater, Email: cindy.slater@usoc.org
Vice Chair Wang Huanfu.

Section Committee Chairs and Vice-Chairs:

Information Services for Olympic Games and International Competitions

Chair: Jill Haynes: jhaynes@ausport.gov.au
Vice Chairs: Ayala Maharik; ayalam@macam.ac.il
Li Tak Nang: lt@hksdb.org.hk

Sport Archives & Digitalization

Chair: Wayne Wilson: wwilson@aafla.org
Vice Chair: Representative from BUPE (Ma Tie to advise name)

Sport Statistics, Standards & Services

Chair: Yasuo Yamaguchi: yasuo@main.h.kobe-u.ac.jp
Vice Chair: Bruno Rossi-Mori: documentazione@coni.it

Future needs in sport information

Chair: Gretchen Ghent: gghent@ucalgary.ca
Vice Chair: Dennis Whitby: dgwhitby@hkucc.hku.hk

Sport Information for Elite Athlete Development

Chair: Andrei Teodorescu: andrei_teodorescu@yahoo.com
Vice Chair: Chicara Miyaji: chikara.miyaji@jiss.ntgk.go.jp

VALUE OF SPORT INFORMATION: TOWARDS BEIJING 2008

12th World Congress of the International Association for Sports Information Beijing, China May 19-21, 2005

First Announcement

Founded in 1960, the International Association for Sports Information (IASI) encourages, develops, and supports activities in the field of sport information documentation and dissemination. IASI brings together an international network of information specialists, including librarians, documentalists, sports scientists, and information centre managers.

As part of its mission to foster the exchange of ideas and experiences, IASI organizes a World Congress every four years. The 12th World Congress will take place in Beijing, from May 19 to 21, 2005, hosted by the All-China Sports Federation and organized locally by the China Sports Information Center and Beijing Sport University.

WORLD CONGRESS THEMES AND SESSIONS

Sport information experts of all professions will begin to prepare for the information demands of the 2008 Olympic Games by evaluating the services of their information centres, establishing new procedures for delivery of specialized data, and incorporating new technologies into their daily operations. To that end, IASI presents a World Congress addressing the Value of Sports Information: Towards Beijing 2008.

The primary sessions of the World Congress will be:

Information Services for Olympic Games and International Competitions

Major international sporting events cannot exist without a strong information service infrastructure. Whether supporting the bidding process, results reporting, media services, managerial decision-making, or coaches in the field, accurate and timely information is vital. This session will feature innovative and visionary solutions created by sport information managers. Specifically, this session will highlight:

- Information service programs supporting major competitions
- Olympic and sport documentation and study centres activities
- Competition results systems
- Media support services at international competitions
- New technology used in information delivery systems

Sport Archives and Digitalization

The conversion of paper documents to digital format offers potential benefits to information managers. Digitizing documents improves their accessibility via the Internet, promotes content analysis through the use of search engines, and allows for conservation of the original paper. As an increasing amount of information is created and published in digital form, however, information managers are required to develop new methods of organization, storage, and preservation. Topics to be addressed include:

- Impact of digitization on scholarly research
- Retrieval, delivery, and organization of digital documents
- Digitization and intellectual property law
- Data structure and metadata of digital documents and collections
- Digital conversion project case studies

Sport Statistics, Standards & Services

Increasing demands have been placed on sports information professionals to organize and deliver a variety of sports statistics and other factual data. In particular, coaches and sport scientists are seeking the expertise of information professionals in organizing performance evaluation and enhancement statistics. Sports administrators are particularly interested in sport participation surveys, as well as service and program evaluation measurements. Information managers are asked to develop standards and guidelines for statistics databases. Discussions at this session will include:

- Identification of relevant statistics for coaches, scientists, and administrators
- Process of establishing standards for statistical reporting
- Use of organized statistics to enhance athletic performance
- Technological improvements in statistical information delivery
- User-friendly statistics databases: case studies

Sport Information for Elite Athlete Development

Elite athlete development is a complicated integration of training methodologies, environment, equipment, and personal commitment. Providing information services in support of this system is a daily challenge for many information professionals. This session seeks to identify creative means through which sport information managers can contribute to the process of elite athlete development. Among other topics, this session will concentrate on:

- Development of training information databases
- Talent identification information systems
- Use of virtual games to enhance skill development
- Supporting the elite athlete's personal environment
- Sport testing and measurement standards databases

Future Needs of Sport Information

Obsolescence comes quickly in the information profession. Information managers constantly seek to understand how technology infrastructure transformations will impact delivery systems. In addition, information managers grapple with rapidly changing copyright rules on the organization, delivery and use of information. This session will identify future trends and innovations in sport information management. Potential topics covered include:

- Information overload for coaches, administrators and researchers
- Lifelong learning and continuing education: Use of electronic/print/video/media
- Coach certification and licensing information
- The "wired" coach
- Mass media: Sport information's destiny or future

THE PROGRAM and PARTICIPANTS

The World Congress will be held over a three-day period, May 19-21, with a 5-session structure. Each session, listed above, will include a plenary meeting, parallel sessions, posters and exhibitions.

The IASI business meetings (General Assembly, Executive Committee, and Open Forum) will be held before the Congress from May 16-18. All interested individuals are invited to attend the General Assembly and the Open Forum.

The official language of the World Congress will be English. All documents and papers must be written in English. Simultaneous translation of speakers in English and Chinese will be available.

Approximately 250-300 participants are expected to attend the World Congress. Participants come from all vocations in the sport world, including:

- information professionals and managers
- documentation centre directors
- journalists
- coaches, researchers, teachers
- sports executives and administrators

BEIJING

Beijing, the capital of the People's Republic of China, has a population of 12 million. The city has a continental climate, with annual average rainfall of nearly 700mm, most occurring in July and August. Winter is dry and cold, with little snow. The best time to visit Beijing is in May, September, or October, when skies are bright and sunny. The city's long history has endowed it with wondrous sites of great aesthetic and cultural value. The Great Wall, a huge project begun more than 2,000 years ago, meanders through the mountains and valleys near Beijing. The Forbidden City, the largest ancient architectural complex extant today, is a splendid crystallization of ancient Chinese architectural art. Tian'anmen Square, the world's largest city square, is located in the city center.

As China's cultural center full of talent, Beijing is home to over 70 institutions of higher learning including the famous Beijing University and Tsinghua University. More than 500 scientific research institutions, over 300 publishing houses, as well as hundreds of newspapers and periodicals are located in Beijing. Also located here are many of the country's sports organizations, such as the State Sports General Administration, the All-China Sports Federation, and the Chinese Olympic Committee, as well as the national sports authorities and several research institutes. One of the Congress organizers, Beijing Sport University, is located in northwest Beijing and covers an area of 75 acres. The University has over 7000 students and is affiliated with seven institutes: Sport Coaching, Physical Education, Sport Management, Wushu, Sports Medicine, Adult Education and the Graduate School. The University has hosted the 21st Universiade Scientific Congress and the ICSSPE Executive meeting. In 2001, the IOC announced that Beijing would host the 2008 Olympic Games, an event for which the city is now actively preparing.

REGISTRATION FORM

To receive further information on the 12th World Congress, please fill in this registration form and return it to:

Ms Liu Xiaohong International Office Beijing Sport University 12th IASI World Congress Zhongguancun North Road Beijing 100084 - CHINA	Tel: +86 10 6298-9244 Fax: +86 10 6298 9297, (6298-9046) bupe@public.bta.net.cn
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Please fill in the following information and return to Ms Liu Xiaohong

Surname:

First Name:

Professional Title:

Institution Name:

Address:

City & Post/Zipcode

Country

Telephone:

Fax:

Email:

AD HOC WKG" Operational Guidelines for IASI Vice-Presidents "
REPORT

IASI MEETING HAVANA, CUBA March 2003

by

Cindy Slater,

Cindy.slater@usoc.org

At our meeting in Barcelona, Gretchen Ghent, David Coleman and I volunteered to draft a set of guidelines meant to help define the roles and responsibilities of the Vice President. Our goals were twofold: 1) to help newly elected Vice Presidents understand the scope of their new responsibilities, and 2) to help new IASI members understand the role their respective regional Vice President played within IASI.

Attached here is a DRAFT document outline the basic roles and responsibilities of the Vice President. We ask that you careful read this document and provide one of the committee members with any relevant feedback. We are anxious to create a useful and long-lasting contribution to the governance of IASI and we believe that your feedback is crucial to this goal.

Thank you for your assistance in this matter.

The following guidelines are meant to assist new IASI Vice-President in understanding the roles and responsibilities expected of her/him when accepting the VP position.

1. IASI Web Site

- Provide relevant and updated regional information to the web site coordinator

The IASI web site is our primary tool of electronic communication between our members and to our public. It is important that the information on the web site be accurate and up-to-date. The Vice President for each region is responsible for providing regional information to the web administrator on a regular basis. At minimum, the regional information should be updated annually.

2. Regional Needs Assessment

- Regularly assess the professional support needs of sports information specialists in the region
- Evaluate those needs in relation to the IASI Working Program, services, and guidelines.
- Prepare and submit specific, thorough, and complete proposals for consideration as a IASI sponsored project.

As the representative of sports information professionals within a specific region, the Vice President should make every effort to learn about the professional needs of those

professionals. On at least an annual basis, the Vice President should attempt to survey his or her region's members to ascertain specific needs.

The Vice President should then evaluate the results of that survey in relation to the services and programs offered by IASI. Specifically, can IASI provide a direct support service that will alleviate the needs identified by the regional members.

If the Vice President's evaluation indicates that a regional need can be met by IASI programs or services, it is the responsibility of the Vice President to create a clear, defined, thorough, and complete proposal to be submitted to IASI for consideration. This proposal should follow the guidelines set forth by the Executive Committee of IASI.

3. Regional Communication

- Use available communication methods to inform regional sports specialists of the professional support programs, services and guidelines offered by IASI.
- When possible, organize regular meetings to encourage the sharing of best practices and lessons learned

Also, as the representative of sports information professionals within a specific region, the Vice President should make every effort to communicate the programs, services, and guidelines offered as professional support to those specialists. The Vice President should use whatever communication means are best available to him or her, including newsletters, email, web sites, or regular meetings. The members of the regional should be encouraged to join this communication effort in order to share both positive and negative experiences.

4. IASI Working Program

- Coordinate the collection of regional information as required by the Working Program.
- Participate on Working Program and ad-hoc committees as possible.

As a member of the Presidential Board, the Vice President should work diligently to see that the Working Program of IASI is implemented. To this end, the Vice President should gather (or direct the gathering of) regional information as required by the Working Program. The data gathering should be done in a timely and appropriate manner. To the degree allowed by the Vice President's sponsoring organization, the Vice President should actively participate on Working Program or ad-hoc committees.

5. Vice Presidential Records

- Maintain thorough and complete files of documentation related to VP duties and activities.
- Ensure that this documentation is presented to any successor

It is incumbent on the Vice President to ensure the continuance of programs, services, and activities of IASI within his or her region. To that end, the Vice President should keep careful records of his/her activities as Vice President, along with records of IASI meetings and activities. The Vice President should see that all appropriate documentation is delivered to the succeeding Vice President.

6.IASI Communication

- Inform IASI membership of the activities of regional sports information centers.
- Prepare for publication in the IASI newsletter articles describing regional activities.

The Vice President should ensure that the IASI membership is informed of specific sport information activities occurring within his/her region. On at least an annual basis, the Vice President should prepare an overview report of the year's activities and present it to the Executive Committee. In between the Executive Committee meetings, the Vice President should submit articles to the IASI newsletter editor, as well as to the IASI web site administrator.

7.IASI Representation

- At the request of the IASI President, represent IASI as required at professional meeting, seminars, or gatherings.
- Act as a contact for IASI within the region.

Due to travel and budget concerns, the President of IASI may request that a Vice President attend an appropriate regional meeting on the President's behalf. The Vice President will also be considered the IASI contact for individuals within the region; individuals contacting other Executive Committee members may be referred to their respective region's Vice President for assistance.

Cindy Slater March 13th, 2003

**THE EUROPEAN COMPASS PROJECT
FOR THE CO-ORDINATED MONITORING
OF PARTICIPATION IN SPORT**

by

Bruno Rossi-Mori

Head of the Documentation and Information

Dept., CONI Services / CONI, Italian Olympic Committee

Co-director of the COMPASS project. Feb 2003

documentazione@coni.it

website <http://w3.uniroma1.it/compass>

Introduction

Decision makers need a basic knowledge of the field and updated information on relevant trends. One of the main items in the field of sports is the involvement of citizens in sports activities: it may be seen as an independent variable, but also as a result of the dynamic relationship between demand and supply of services, an issue to tackle for planning actions at all levels.

The **COMPASS** project's main objective is the seeking of a **Co-ordinated Monitoring of Participation in Sports** overall in Europe. It was launched by UK and Italy in 1997, in the framework of the Council of Europe's Working Plan for sports, and proposed to the other countries. In the UK the partner bodies are UK Sport, Sport England and the Sheffield Hallam University, while the Italian Olympic Committee, the University of Rome "La Sapienza" and the Italy's National Statistical Institute are cooperating on the Italian side. The project gained assent from several European experts mandated by Ministries, National Statistical Institutes, Research Institutes and Sports Organisations.

Working Plan

The work was initiated by the British group (prof. Gratton); a General Audit located the existing national surveys. Some of them had a similar shape and met some common quality requirements. A first workshop was held in Glasgow 1997 (besides the EASM Conference) with the support of the European Union, and a general framework was approved as a main reference to start the harmonisation process between initially seven pilot countries: Finland, Ireland, Italy, the Netherlands, Spain, Sweden, and the UK.

A Report on the first working period was edited by the UK research group in 1999 and many technical aspects were discussed in the same year, when delegates and experts from 13 countries met in Rome for the 2nd COMPASS Workshop.

Further stages were planned, based on a Multilateral Agreement ("Comma 99"):

- The Guidelines 1999 were adopted for harmonising the new surveys, and will be progressively refined. More countries were allowed to join the project and contribute their comparable data. Non-European countries are accepted as observers.

- Participating experts are sharing responsibilities and undertake research on specific problems involved in the harmonisation process. A "memorandum" contains the technical references. The Italian research team (prof. Mussino) is charged of the further reference work.
- A COMPASS website was opened: <http://w3.uniroma1.it/compass> in the occasion of the 3rd workshop (Rome, May 2002) for hosting updated figures and related papers. Active support to the COMPASS initiatives is welcomed from international bodies.

The main aspects which are being harmonised at this stage consist in:

- the *list of activities which are to be considered as sports* for the surveying purposes (independently from the "mode" of playing them, intense or occasional, competitive or not, organised or not);
- the *quantitative* aspects, the *qualitative* ones and the *organisation* of individual participation;
- the **demographic and social variables** (such as age, gender, social status...) of the participating people.
- the **presentation of the main results** of the surveys

Results

A lot of work has been already done, but further work is still to be done before reaching a satisfactory stage of harmonisation and coordination in this field at European level.

The establishment of the website is of great help for this cooperation, but also for a wide access to the present outcomes of the work. The main outcomes of COMPASS are:

- **national pages**, bearing updated national data on people participating in sports, and related comments, references a.s.o.; the national tables are organised in a basically common shape, expressly filled in by a key-contact of each participating country for comparison's purposes.
- **cross-national tables**, giving a general overview of similarities and differences; along the time, some trends will be detectable.

A methodological section is available for anybody interested in analysing the harmonisation process, and a "past, present and future" section records details on the project itself.

The project tries to fill in an evident gap, trough the establishment of conditions for a progressive harmonisation and a permanent provision of data. Small resources are foreseen, therefore this goal relies on the interest of each country to adopt common criteria of measurements for earning the benefit of a larger awareness.

The bodies who may lead this work are mainly those who use figures for planning actions (Ministries, Sport organisations), those who research on sports (mainly Universities) and, last but not least, the public Institutes for Statistics or similar private agencies who carry out the

surveys. Of course none of the countries wants to interrupt its own historical flow of statistics, therefore the Compass initiative calls all those who perform surveys to agree upon a slow evolution, based on their own interest. This pathway is also expected to help those countries which are willing to approach the topic in the near future.

A significant impulse to the harmonisation process (which is right now supported directly by the participating partners) may be provided by the International Bodies and by National Ministries dealing with sports: the assessment and the use of the COMPASS outcomes will foster the technical work, as well as the financial support to the ongoing cooperation

**Access to Sports Sciences Tests:
Minority Report To the IASI Executive Committee
by
Gretchen Ghent, IASI VP for North America and Publications Officer
February 20, 2003
gghent@ucalgary.ca**

Introduction

At the IASI Annual Meeting in April 2002, IASI ExCo, at the request of Hartmut Sandner created the Ad Hoc Working Group to Review and Recommend Methods for Acquiring and Disseminating Sport and Physical Education Test Information. To better understand this topic, this author undertook a concentrated research study into the status of the present sport sciences test literature. The main focus was to ascertain what is, in fact, available through present databases, handbooks and textbooks. In addition, questions were asked of academic researchers, coaches, teachers and textbook authors as to what are their perceived needs for accessing information on sport sciences tests.

Definitions and Terminology

For the purposes of this study, all types of **named**, informal or formalized test and measurement instruments are included. There are many types and are variously identified as tests, batteries, questionnaires, scales, inventories, surveys, indexes, checklists, profiles and measures. Within this group a few **named** tests have undergone extensive validity and correlation studies and fall generally into the:

- **published test** category. These tests are usually available for purchase through one of the commercial test publishers or privately held publishing houses. The major subjects, education and psychology produce most of the tests in this category with sport publishers, Human Kinetics and Fitness Information Technology offering a few published tests. (See the American Psychological Association website, the FAQ section that outlines these definitions. <http://www.apa.org/science/faq-findtests.html>)

Other named test titles are usually categorized as

- **experimental tests**. References to this category of tests are usually found in refereed periodical articles, Master's theses and Ph.D. dissertations and are available from the authors of the study or are part of the publication. These tests are relatively new and are only beginning to undergo years of validity and reliability study and testing.

A third group of **unnamed** tests are the

- **generic tests** used by sport scientists to test heart function or some other organ/system or physiological function within the human body.

Present Sources of Test Information - SPORTDiscus

Many searches were conducted in SPORTDiscus up to and including the December 2002 updated file. The goal of the comprehensive research was to identify articles and other sources that utilized **named** experimental or published tests. In addition, the descriptors were examined to see what a researcher could use to find unnamed tests. Searches were conducted

to clarify the terminology used in the database, the comprehensiveness of citation and to identify the gaps in the tests literature.

Free Text Searching

The free text search is an essential database search technique utilized by sport psychologists, information professionals and sport sciences researchers for finding articles referring to named tests in *SPORTDiscus*, *PsychLIT*, *Medline* and other major subject databases. This type of searching accesses the essential **Abstract** field and secondarily, the Title field. It has long been known by academic researchers that the advanced level and many intermediate level articles published in refereed academic journals are accompanied by a comprehensive abstract. Within the abstracts are the proper names of tests that also include, many times, the acronym of the test name. Thus, if the particular database has not included a test name as an official descriptor or subject heading, access to these important research articles on tests and testing can still be made.

Using Descriptors to find Named and Unnamed Tests

There is one descriptor, **TESTING**, that is the main descriptor used in *SPORTDiscus* to find named and unnamed tests. The record count in the Dec 2002 updated file includes:

- 17,792 records with descriptor TESTING

Of those records,

- 9,723 are Advanced level
- 3,933 are Intermediate level

The descriptor **TESTING** can be combined with other descriptors to find named or unnamed test information on more specific topics.

Table 1.

Use the descriptor **TESTING** and

AGILITY	MUSCLE CONTRACTION
ANAEROBIC CAPACITY	PHYSICAL FITNESS
ATTITUDE	POWER
COORDINATION	SKILL (UF skill testing)
DEXTERITY	SKINFOLD THICKNESS
FATIGUE (UF fatigue testing)	SPEED
FLEXIBILITY	SPRINTING
GROUP COHESION	STRENGTH
MOTIVATION	TREADMILL
MUSCLE	

to find many records on that specific topic. Many other descriptors can be combined with **TESTING** as well.

Other descriptors could be considered generic tests and include:

Table 2.

Generic Descriptors To Find Unnamed Tests

BODY COORDINATION TEST	RANDOMIZED CLINICAL TRIAL
------------------------	---------------------------

CLINICAL TRIAL (Added Jan 15/03) GLUCOSE TOLERANCE TEST HEART FUNCTION TEST KIDNEY FUNCTION TEST KNOWLEDGE TEST	(Added Jan 15/03) RATING SCALE RESPIRATORY FUNCTION TEST VISION TEST
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Named Tests

To find the **named** tests, the following descriptors in the SIRCThesaurus 2002 have at least one named test under these terms:

**Table 3.
Descriptors To Find Named Tests**

Descriptor	Abbrev.	Descriptor	Abbrev.
ANAEROBIC CAPACITY	AC	MOTOR SKILL	MS
ANXIETY	AX	PERSONALITY INVENTORY	P-In
ATTENTION	ATN	PHYSICAL FITNESS	PF
ATTITUDE INVENTORY	AT	STEP TEST	ST
COORDINATION	CO	TEACHING	T
		VERTICAL JUMP	VJ

**Table 4.
Specific Sport Descriptors to Find Named Tests**

Descriptor	Abbrev.	Descriptor	Abbrev.
RUNNING	RN	TENNIS	TN
SOCCER	S	VOLLEYBALL	VB
SWIMMING	SM		

Comparison and Sampling of Named Test References in SPORTDiscus

To determine the state of the art of finding named tests, the following table of selected named tests was created from the titles in the SIRCThesaurus 2002, from tests listed in textbooks on tests and measurements, in the ETS Tests Collection database, in Ostrow's Directory and from surveying a vast number of records using the descriptor TESTING in SPORTDiscus. This list shows that many major tests are "anchored" in the SIRCThesaurus under certain descriptors, (as in Table 3 and 4 above), but there are a number that can only be found by doing a free text search (see Table 5)

In Table 5 below the first two columns are explained here as:

1. The broader (anchored) term under which this test is found in the SIRCThesaurus 2002. See Tables 3 and 4.
2. The free text searching hit count in SPORTDiscus, at the 2002-12 database update. For the rectangle, triangle and sun symbols used in this list see explanation at the end of the List.

Table 5. List of Selected Named Tests

1	2	Name of Test
PF	40	AAHPERD Health Related Physical Fitness Test
PF	3	AAHPER Special Fitness Test
PF	67	AAHPER Youth Fitness Test
VJ	3	Abalakow Test (May also be called, Jump and Reach Test)
	4	Achievement Motivation in Physical Education Test ■
	1	Aerobic Adaptation Test
	4	Anxiety Rating Scale (ARS) ■
	4	Arizona State University Observation Instrument (ASUOI)
	6	Ashworth Scale
	4	Astrand-Ryhming Test
	1	Athlete Adjustment Prediction Scale (also known as Athlete Adjustment Scale) ☼
	2	Athletic Contributions Questionnaire (and revised questionnaire known as ACQUIRE-II)
	14	Athletic Identity Measurement Scale ■
	3	Athletic Life Experiences Survey (ALES) ■
	14	Athletic Identity Measurement Scale
P-In.	27	Athletic Motivation Inventory ■
P-In.	5	Athletic Profile Inventory
	6	Athletic Satisfaction Questionnaire
	31	Attitude Toward Physical Activity Inventory (ATPA) ▲ (ETS # 830511) ■
	1	Attitudes of Athletes Toward Male Versus Female Coaches (AAMFC-Q)
	0	Attitudes of College Women Toward Sports and Athletic Scholarships ▲
	1	Attitudes to Women in Sport (ETS lists this as Men's and Women's Attitudes to Women in Sport) ☼
	1	Attitudes Towards Curriculum Physical Education ☼ (also listed as Attitude Towards Curriculum PE Scale ATCPE)
PF	1	Bailey Heart Rate Recovery Test
	25	Balke Treadmill Test
	2	Bass Test (also known as Bass Test of Dynamic Balance. Also the Modified Bass Test of Dynamic Balance)
	1	Behavioral Regulation in Exercise Questionnaire (BREQ)
	1	Belastrungs-Symptom-Test ■
	61	Bem Sex Role Inventory (BSRI)
	71	Bicycle Ergometer Test (also known as Fox's Bicycle Ergometer Test or Wingate Bicycle Ergometer Test. Could also be considered a generic test)
	3	Biodex Balance System (BBS)
	1	Body Consciousness Questionnaire ■
CO	22	Body Coordination Test
	9	Body Esteem Scale ■
	10	Body-Self Relations Questionnaire (Also known as Multidimensional Body-Self Relations Questionnaire) ■
	121	Borg Rating Scale of Perceived Exertion (also known as the Borg Scale or Ratings of Perceived Exertion Scale ■)
MS	4	Brace Motor Ability Test
VB	3	Brady Volleyball Skill Test
P-In.	11	Bredemeier Athletic Aggression Inventory ■
	10	Brockport Physical Fitness Test
	19	Bronchial Provocation Test (a generic test?)

PF	65	Bruce Treadmill Test
MS	48	Bruininks-Oseretsky Test of Motor Proficiency (BOTMP)
P-In.	15	Buss-Durkee Hostility Inventory
PF	32	CAHPER Fitness Test
	10	Canadian Aerobic Fitness Test
PF	91	Canadian Home Fitness Test (UF Canadian Standardized Home Fitness Test)
	3	Canadian Physical Activity Fitness & Lifestyle Appraisal (CPAFLA)
	2	Carlson Fatigue Curve Test
	4	Carolina Sport Confidence Inventory (CSCI)
P-In.	111	Cattell's 16 PF (UF Cattell's Personality Factor Questionnaire; UF Sixteen Personality Factors Questionnaire)
PF	1	Chanon Test
	22	Cheffers Adaptation of Flanders Interaction Analysis System (CAFIAS)
AT	16	Children's Attitude Toward Physical Activity Inventory ■
	2	Coaching Behavior Questionnaire ■
	15	Coaching Behaviour Assessment System
	1	Coaching Leadership Assessment Scale
	1	Coaching Orientation Inventory ■
	1	Coaching Outcome Scale ■
	2	Coaching Staff Cohesion Scale (CSCS)
	2	Collegiate Goal Setting in Sport Questionnaire (CGSSQ)
	1	Collegiate Hockey Worry Scale
	1	Collis Scale of Athletic Aggression ■
	11	Commitment to Running Scale (CR)
	1	Competitive Motive Inventory ■
	8	Competitive Orientation Inventory (COI) ■
AX	183	Competitive State Anxiety Inventory ■
RN	76	Cooper's 12 Minute Run Test
SM	5	Cooper's 12 Minute Swim Test
	9	Coopersmith Self-Esteem Inventory
T	1	Dhillon-Jackson Teaching Observation Inventory for Physical Education
	1	Eades Athlete Burnout Inventory ■
	1	Edgington Attitude Scale
	1	Elite Athlete Self Description Questionnaire ■
	1	Emotional Response to Swimming Questionnaire
	144	EUROFIT
	2	Exercise Identity Scale (EIS) ■
	14	Exercise-induced Feeling Inventory ■
	1	Exercise Motivation Questionnaire ■
	1	Exercise Motivations Inventory ■
	50	Eysenck Personality Inventory
	2	Fleishman Basic Fitness Test (or also called Basic Fitness Test)
	5	Game Orientation Scale (GOS) ■
	1	General Sport Motor Test (AST 6-11) or in German Allgemeiner Sportmotorischer Test (AST 6-11)
	96	Glucose Tolerance Test
ATN	2	Golf Test of Attentional Style (UF Golf TAS)
	2	Groningen Fitness Test for the Elderly (GFE)
	56	Group Environment Questionnaire (Available online. See FIT website, http://www.fitinfotech.com)
	1	Harrow's Taxonomy of the Psychomotor Domain
	15	Harter's Perceived Competence Scale

ST& PF	62	Harvard Step Test (Also the Gallagher & Brouha Test for High School Boys (one for Girls too) that are based on HST
	1	Heidelberg Basketball Test
SM	1	Hutinger 24 Minute Swim Test
	1	ICHPER.SD Asian Youth Related Physical Fitness Test
PF	3	ICSPFT Fitness Test (also listed in Haag as Standard Fitness Test)
	1	Imagery Use Questionnaire ■
	2	Imagery Use Questionnaire for Soccer Players ■
	1	International Physical Activity Questionnaire (IPAQ)
PF	5	International Standard Fitness Test (ISFT)
PF	14	Jump and Reach Test
AC	1	Kalamen Sprint Test
	0	Kansas Adapted/Special Physical Education Test ▲ (ETS # 17355)
	1	Kasch Pulse Recovery Test
TN	1	Kemp-Vincent Rally Test (KVRT) (also Kemp-Vincent Tennis Rally Test)
AT	1	Kenyon's Attitude Inventory (UF Attitude toward physical activity inventory)
PF	14	Kraus-Weber Test
	74	Lachman Test
	44	Leadership Scale for Sports (LSS) (also known as Chelladurai's Leadership Scale for Sports)
	28	Leisure Diagnostic Battery (LDB)
	11	Leisure Time Exercise Questionnaire
	1	Life Events Questionnaire ■ (Based on Social and Athlete Readjustment Scale)
AX	21	Manifest Anxiety Scale
AC	29+	Margaria Test of Anaerobic Power (MTAP) or Margaria-Kalamen Anaerobic Power Test, or Margaria-Chaloupka Anaerobic Power Test or the Margaria-deVries Anaerobic Power Test
	1	Martiken-Zalchowsky Self-Concept Scale **
	21	Maslach Burnout Inventory
	16	Maslow's Hierarchy of Human Needs
PF	14	Master Two Step Test (Not listed under STEP TEST in SIRCThesaurus)
	1	McCarron Assessment of Neuromuscular Development (MAND)
	1	Medford Player-Coach Interaction Inventory ■
	3	Mental Readiness Form ■
PI	33	Minnesota Multiphasic Personality Inventory
	1	Minor Sport Enjoyment Inventory ■
PF	12	MOPER Fitness Test
	4	Motivational Orientation in Sport Scale ■
	1	Motivational Rating Scale ■
	1	Motor Performance School Readiness Test (MSRT)
	11	Movement Assessment Battery for Children (M-ABC)
	1	Movement Satisfaction Scale (also known as the Nelson-Allen Movement Satisfaction Scale) ■
	3	Multidimensional Sport Cohesion Instrument (MSCI) (Also referred to as Multidimensional Sport Cohesion MSC ☼) ■
	7	Multifactor Leadership Questionnaire ■
	9	Multistage Fitness Test (MFT)
	3	New York State Physical Fitness Screening Test
	3	Obligatory Exercise Questionnaire

PF	6	Ohio State University Cardiovascular Fitness Test
	3	1-Mile Run/Walk Test
	1	Orthopaedic Research Institute – Ankle Strength Testing System (ORI-ASTS)
	23	Par-Q (Physical Activity Readiness Questionnaire)
	3	Parent-Initiated Motivational Climate Questionnaire (PIMCQ) ■
	17	Participation Motivation Questionnaire ■
	13	Perceived Motivational Climate in Sport Questionnaire ☼ ■
	4	Perceived Physical Competence Scale and Perceived Physical Competence Scale for Children ■
	2	Perceived Physical Fitness Scale ■
	1	Perceived Purposes of Sport Questionnaire
	1	Perceived Somatotype Scale ■
	2	Perception of Success Questionnaire ■
	1	Performance Outcome Survey ■
	2	Physical Activity Affect Scale (PAAS) ☼
	5	Physical Activity Enjoyment Scale ■
	1	Physical Activity Scale for Individuals with Physical Disabilities (PASIPD)
	5	Physical Activity Stereotyping Index ■
AT	12	Physical Education Attitude Inventory
	21	Physical Education Teacher Assessment Instrument
	1	Physical Fitness Self-Efficacy Scale ■
	4	Physical Function Scale
	2	Physical Self-Concept Scale ■
	12	Physical Self-Description Questionnaire (PSDQ) ■
	17	Physical Self-Efficacy Scale (PSES) ■
	43	Physical Self Perception Profile (PSPP) ■
	16	Piers-Harris Self-Concept Scale (also modified as Cratty Adaptation of Piers-Harris Self-Concept Scale and Piers-Harris Childrens Self-Concept Scale)
	3	Precompetitive Stress Inventory ■
	5	Pre-Race Questionnaire ■
PI	316	Profile of Mood States (PMS)
	11	Psychological Skills Inventory for Sports (PSIS-R5) ☼ ■
	1	Psychosocial Functions of Sport Scale ☼ ■
PI & AX	1	Rating Scale of Coaches' Competitive Anxiety State
	2	Reasons for Exercise Inventory ■
	15	Recovery-stress Questionnaire for Athletes
	1	Reznik Racquetball Test (Listed incorrectly in SIRCThesaurus as Reznik Basketball Test)
PF	22	Rockport Fitness Walking Test
PF	10	Rogers Strength and Physical Fitness Index
PF	10	Ruffier-Dickson Index
	5	Running Addiction Scale and Running Addiction Scales ■
PF	1	Santiago Youth Fitness Test
	1	Self-Acceptance Scale for Athletes ■
	1	SEMO Agility Test
	9	Senior Fitness Test
PF	126	Shuttle Run Test
	2	Shuttle Walk Test (SWT)
	12	6 – Minute Walk Test (6-MWT)
PF	7	Sjostrand Work Capacity Test
	7	Social and Athletic Readjustment Rating Scale (SARRS) ☼ ■

	37	Social Physique Anxiety Scale (SPAS) ■
	3	Spearman-Brown Prophecy Formula
	1	Spectator Decision-Making Inventory ■
PI & AX	41	Spielberger Trait Anxiety Inventory
	14	Sport Anxiety Scale ■
	4	Sport Cohesiveness Questionnaire or Sports Cohesiveness Questionnaire ■
	10	Sport Commitment Model or Sport Commitment Model Scales ■
	1	Sport Competence Information Scale ■
PI	126	Sport Competition Anxiety Test (SCAT) ■
	2	Sport Competition Trait Inventory (Has two forms, adults & children) ■
	2	Sport Identity Index
	1	Sport Leadership Behavior Inventory ■
	21	Sport Motivation Scale (SMS) ■
	1	Sport Non-Participation Questionnaire ■
	43	Sport Orientation Questionnaire (Also listed as Sports Orientation Questionnaire) ☼ ■
	1	Sport Participation Motivation Questionnaire ■
	2	Sport Pressure Checklist ■
	1	Sport Satisfaction Inventory ■
	3	Sport Socialization Questionnaire ■
	2	Sports Achievement Motivation Test ■
	1	Sports Attitude Questionnaire (ETS #16581) ▲ ■
	0	Sports Equity Survey (ETS #11648) ▲
	2	Sportsmanship Attitude Scales ■
	14	State Sport Confidence Inventory ■
PI & AX	174	State Trait Anxiety Inventory
	0	Student Athlete Recruitment Decision Making Survey (ETS # 14525) ▲
	4	Subjective Exercise Experience Scale (SEES) ■
	4	Survey of Adapted Physical Education Needs
	54	Task and Ego Orientation in Sport Questionnaire (TEOSQ) ■
	5	Team Climate Questionnaire ■
	1	Team Cohesion Questionnaire ■
	1	Team Psychology Questionnaire ■
	72	Tennessee Self-Concept Scale
	1	Tennis Self Concept Scale II
	75	Test Conconi (heart rate) (or known in the literature as the Conconi Test)
ATN	58	Test of Attentional and Interpersonal Style
	25	Test of Gross Motor Development
MS	17	Test of Motor Impairment
S	1	Test of Soccer Attentional Style ■
PF	1	Texas Physical Fitness-Motor Ability Test
PI	1	Thematic Aperception Test (also spelled Thematic Apperception Test)
	1	Thoughts During Running Scale ■
	15	Trait Sport Confidence Inventory (TSCI) ■
	2	Western Motor Ability Test
	1	Wheelchair Skills Test (WST)
	2	Will to Win Questionnaire ■
AC	312	Wingate Anaerobic Test
	4	Wingate Sport Achievement Responsibility Scale (WSARS) ■
	1	YMCA Adult Fitness Test

**Scale misspelled in SPORTDiscus record

Other Test Collections Referred to in the Above List of Named Tests

▲ *Tests in Microfiche*, 1975-

<http://www.ets.org/>

Educational Testing Service, Princeton, NJ

The ETS Tests collection provides copies of certain unpublished tests. The tests listed above with the triangle symbol (▲) indicate the test is available in this microfiche collection. In some cases the microfiche will contain the test questions only and in other cases a report and bibliography will also be included. The symbol ☼ indicates the test is included in the ETS Test Collection database, but is available from the authors only. In many cases the database refers to the original periodical article/thesis where the test was first discussed and outlined.

■ Ostrow, Andrew. *Directory of Psychological Tests in the Sport and Exercise Sciences*, 2nd ed. Morgantown, WV: Fitness Information Technology, 1996.

<http://www.fitinfotech.com/>

Items marked with the rectangle symbol ■ indicate that the test is listed and described in Ostrow's Directory and also is part of Ostrow's online Directory. Not all the tests listed in this Directory are included. For some named tests listed in Ostrow (and not mentioned in Table 5), no SPORTDiscus record was found.

General Observations Resulting from the Research

The most important factor in finding test information is access to SPORTDiscus database. For the academic researcher and physical educator this is the primary source of information to track the test creators and all others who have used the same test, modified it, performed normative or validity studies. While some of the earlier SPORTDiscus records do not have abstracts and sometimes, few descriptors, nevertheless this is the major source for sport sciences, mainly experimental, tests. There are only a handful of named tests that have been standardized and published with manuals (e.g. Brockport Physical Fitness Test, Group Environment Questionnaire). The sport sciences testing field is a relatively young discipline when compared to the education and psychology disciplines and is in a constant state of fluctuation and change as new experiments are run, new data is collected and interpreted and tests are modified.

Physical educators, coaches and teacher needs may mostly be met by the texts cited in Appendix B, The Bibliography and also the handbooks in Appendix A. Many of the first or second year undergraduate kinesiology/physical education classes will also find these textbooks important (recommended texts show an asterisk). The literature on physical fitness testing and skill testing seems to be fairly well-founded through books by Bös, Collins, Baumgartner, Maud, Heyward, McDougall and others.

From discussions with active academic researchers and their advanced level students, the most important research factor is the ability to search for the refereed periodical article in the up-to-date SPORTDiscus and Medline databases. These searches are enhanced by the well-written, descriptive, accurate abstracts for all periodical articles and theses. If these articles are also accompanied by numerous, very specific, descriptors, then searches are successful. For the most part, academic researchers approach the test literature with a hearty skepticism as to the stated claims of the test creator or others who have performed reliability, validity and normative studies. Therefore, a separate database of tests would not necessarily meet the

needs of this group even if the named tests were accompanied by test critiques on the validity and reliability.

For the sport psychology tests, Dr. Andrew Ostrow and his publishing house, Fitness Information Technology (<http://www.fitinfotech.com/>) is making great advances in accessibility to sport psychology tests. His online e-Directory of Psychological Tests in the Sport and Exercise Sciences now has over 500 tests. This database is updated and added to on a continuous basis. With the appearance of his Test Center and the availability of the Group Environment Questionnaire and its test manual in 2002, an important test is accessible online for the researcher (a fee has to be paid). Through this mechanism, the test creators will be informed of additional studies that use this test and this will lead to further validity and reliability of this questionnaire. Dr. Ostrow plans to make other sport psychology tests available in the future.

Recommendations:

1. A separate test database should NOT be created under the aegis of IASI

Rationale:

- The SPORTDiscus database already has a great majority of the original citations to the test literature and most of the articles that follow the original citation.
 - I. In the future if the record information from Dissertations Abstracts International is included comprehensively in SPORTDiscus, a large number of experimental named and unnamed tests will enhance the database.
 - II. SPOLIT also does this for the German test literature as there is a gap in SPORTDiscus of the German language material in the 1980s and early 1990s
- A tremendous amount of work will need to be done to create each test record, verify information on the test, write the abstracts, entice academic members to write reviews, provide linkages to the periodical articles where the test is used under specific conditions
- Named tests and other generic tests may be modified many times (e.g. see the Margaria tests in Table 5). The question is then, do we index each modification
- The sport psychology literature is fairly well in hand at the Fitness Information Technology publisher and this work should not be duplicated
- There are a huge number of generic and unnamed tests and it would be difficult to identify these, verify the test creators, do the indexing and reviewing. Again this information, for the most part is already available in the SPORTDiscus and Medline databases.

2. That SIRC's Indexing Committee consider certain enhancements to the SIRCThesaurus and SPORTDiscus to foster better retrieval of named and unnamed tests by:

- Creating a list of tests similar to the list of Names and Geographical terms
- Or, anchor all tests under specific descriptors or names of sports (BTs). Ostrow's book shows many more categories including terms: aggression, anxiety, attention, cognitive strategies, confidence, leadership, life adjustment, locus of control, motivation.

- Review the generic test descriptors to make certain all aspects are covered by the appropriate descriptor
- Make certain all abstracts that carry the descriptor, TESTING, QUESTIONNAIRE, etc. lists the names of tests and acronym, if mentioned in the article. This might entail a little more research within the article at the indexing stage, however.
- Consider using the monographic record structure for the indexing of tests for the database. This may include a Validity, Reliability or Normative statements (AB field), and other information in the NOTES field to lead users to Manuals, test creators and other pertinent information (See **Appendix C** for suggested field descriptors and a sample record to be used by indexers)
- Asking IASI members to participate in upgrading records so that a periodical article abstract is rewritten or written for the first time and the name of the test is verified and put in the appropriate list. See the SIRC record AN S-821363 for the Collins book where the abstract lists all 86 tests within this work. This was done to enhance retrieval by the free text searcher.

Appendix A. Directories and Handbooks on Sport Sciences Tests and Measurement

The following handbooks are used by many sport information professionals and sport scientists to find test information, especially in the physical fitness field:

Bös, Klaus, *Handbuch sportmotorischer Tests*, Göttingen/Toronto/Zurich, Verlag für Psychologie, Dr. C.J. Hogrefe, 1987. 539 p.

This is one of the standard works on physical fitness and motor tests available in the German language. Each test gives the name of the creator, detailed information on what the test measures, general information on how the test is administered and is accompanied by one or more critical test reviews. This book is intended for the coach and physical educator. Some of the named tests included are: Bayern Fitness-Test (Bavarian Fitness Test), Haro-Fitness-Test, Koerperkoordinationstest (KTK) (or, English, the KTK Motor Coordination Development Test - two references, of which are in SPORTDiscus. See AN S-666414 & AN354230)

Collins, D. Ray and Hodges, Patrick B. *A Comprehensive Guide to Sports Skills Tests and Measurement*, 2nd ed. Lanham, MD: Scarecrow Press, 2001.

These two authors have compiled 86 “authenticated” sport skills tests for 46 sports. Each sport skill test entry has the following outline/field structure: purpose, description, educational application, time, personnel, equipment & supplies, facilities & space, directions (on how to administer the test), scoring method and norms, validity & reliability, additional comments. Under the Scoring Method and Norms is usually a graph showing the norms. Other graphs are included to show how the test is administered. There is also a citation to the original article where the sport skills test research was announced. Some sport skills tests have a bibliography of articles where other authors used the test.

Haag, Herbert & Dassel, Hans. *Fitness-tests: Lehrhilfen zum Testen im Sportunterricht für Schule und Verein*. Schorndorf, Verlag Karl Hofmann, 1975. 154 p. (Schriftenreihe zur Praxis der Leibeserziehung und des Sports, Band 89)

Provides background information on physical fitness testing and includes instructions for giving the listed fitness tests. Also included is a statistical section containing the norms for each of the following: AAHPER Youth Fitness Test, Allgemeiner Konditionstest (Nordrhein-Westfalen), Bayern Fitness-Test, Haro-Fitness-Test, ICSPFT Fitness Test, Kraus-Weber Test, New York State Physical Fitness Screening Test, Sportmotorischer Test für Mädchen, Testverfahren zur Beurteilung der körperlichen Leistungsfähigkeit

Ostrow, Andrew. *Directory of Psychological Tests in the Sport and Exercise Sciences* 2nd ed, Morgantown, WV: Fitness Information Technology, 1996. 553p

This edition has over 350 tests with each entry describing the test, generally how it is administered and reviews by academic researchers. A more recent development is the **E-Directory of Psychological Tests in the Sport and Exercise Sciences** where institutions and individuals may subscribe on a semi-annual or annual basis to the updated test file. This file now contains over 500 psychosocial sport measures. Online access to the E-Directory of Psychological Tests in the Sport and Exercise Sciences: <http://www.fitinfotech.com/>

Kirby, Ronald F. *Kirby's Guide to Fitness and Motor Performance Tests*, Cape Girardeau, MO: BenOak Publishing, 1991. 458 p. (out of print)

Describes over 193 tests on agility, balance, cardiorespiratory endurance, coordination, flexibility, muscular endurance, power, reaction time, speed and strength. Written for students, teachers and researchers to encourage them to develop better fitness and motor performance tests. Each test is reviewed by one of the 124 different academics or tests & measurement experts. Only a few of the named tests are cited in SPORTDiscus.

Appendix B. Key Books on Sports Tests and Measurements

Cited here are many of the most recent books on the topic of sport sciences tests and measurements. Many titles are still in print.

Baumgartner, Ted A. & Jackson, Andrew S. *Measurement for evaluation in physical education and exercise science*. 6th ed. Madison, WI: Brown & Benchmark, 1999. 465p.

Cooper, Christopher B. & Storer, Thomas W. *Exercise testing and interpretation: a practical approach*. Cambridge/NY: Cambridge University Press, 2001. 278p.

Docherty, David. *Measurement in pediatric exercise science*. Champaign, IL: Human Kinetics, 1996. 344p.

Duda, Joan L. *Advances in sport and exercise psychology measurement*. Morgantown, WV: Fitness Information Technology, 1998. 520 p.

Exercise and sport sciences reviews

V1, 1973 to date. Quarterly ISSN 0091-6331

Santa Barbara, CA: Journal Pub. Affiliates

Franklin, Barry A.; Whaley, Mitchell H.; Howley, Edward T & Balady, Gary J.

ACSM's guidelines for exercise testing and prescription, 6th ed. Philadelphia, Lippincott Williams & Wilkins, 2000. 368 p.

Froelicher, Victor F. *Manual of exercise testing*. 2nd ed. St. Louis: Mosby, 1994. 287p.

**Gore, Christopher John and the Australian Sports Commission. *Physiological tests for elite athletes*. Champaign, IL: Human Kinetics, 2000. 465p.

**Haag, Herbert. *From physical fitness to motor competence: aims contents, methods, evaluation*. Frankfurt am Main/NY: P. Lang, 2000. 131p.

Hastad, Douglas and Lacy, Alan C. *Measurement and evaluation in physical education and exercise*. 2nd ed. Scottsdale, AR: Gorsuch Scarisbrick, 1994. 575p.

**Heyward, Vivian H. *Advanced fitness assessment and exercise prescription*, 4th ed. Champaign, Ill: Human Kinetics, 2002.

**MacDougall, J. Duncan; Wenger, Howard A. and Green, Howard J, eds., *Physiological testing of the high performance athlete*. 2nd ed. Campaign, Ill: Human Kinetics, 1991 432 p. (Also available in Spanish, MacDougall, J. Duncan, et. Al. Evaluación fisiológica del deportista, Barcelona: Paidotribo, 1995)

**Maud, Peter J. & Foster, Carl. *Physiological assessment of human fitness*. Champaign, IL: Human Kinetics, 1995. 296p.

Miller, David K. *Measurement by the physical educator: why and how*. 3rd ed. Boston, MA: WCB McGraw Hill, 1998. 304p.

**Morrow, James R. et al *Measurement and evaluation in human performance*. Champaign, IL: Human Kinetics. 1995. 406p.

Naughton, John. *Exercise testing: physiological, biomechanical, and clinical principles*. Mount Kisco, NY: Futura, 1988. 226p.

Schiemer, Suzann. *Authentic assessment strategies for elementary physical education*. Champaign, IL: Human Kinetics, 2000.

Schell, John, and Leelarthapin, Boonseng. *Physical fitness assessment in exercise and sport science*, 2nd ed. Sydney, Leelar Biomedical Services, 1994.

Tritschier, Kathleen A. *Barrow & McGee's practical measurement and assessment*. 5th ed. Philadelphia: Lippincott Williams & Wilkins, 2000. 749p.

Wasserman, Karlman et al. *Principles of exercise testing & interpretation: including pathophysiology and clinical applications*, 3rd ed. Philadelphia: Lippincott Williams & Wilkins, 1999. 556p.

Watson, A.W.S. *Physical fitness & athletic performance: a guide for students, athletes & coaches*. 2nd ed. Harlow: Longman, 1995 234p.

Wilkinson, David & Moorel, Philip. *Measuring performance: a guide to field based fitness testing*. Leeds: Coachwise, 1995. 167p.

Appendix C. Sample SPORTDiscus Monograph Record Field Structure Modified for Test Information

The following table shows the possible fields that can be used for a monographic record with comments on whether the field is needed for a record containing information on a test. The ITYPE and SS codes are only suggestions only. The example shown here in Table 6 uses information from the cataloguing description found in WorldCat for the Human Kinetics-published test, the Brockport Physical Fitness Test Kit.

(Note: These descriptions and the record structure have not been adjudicated by the SIRC Indexing Committee as yet)

Table 6. SIRC Monograph Field Structure

Field Label	Field Name	Notes/Indexing Instructions
ID	AutoID	An AutoID is assigned by SIRC when newly indexed records received.
ITYPE	Document Type	Use M for monographs, X for Test record
BDATE	Original Document Date	Year document written. May be different from DATE field.
LEVEL	Level	Use B, I or A for basic, intermediate or advanced
LO	Location	Code of person or institution doing the indexing
AU	Author	Surname, comma, space, initials with full stops, e.g. Smith, H.K. Repeatable
AMAIL	Author's email	As taken from the published document, or added from investigations of author's current location
CAU	Corporate Author	Probably not a relevant field for a test record
TI	Title	At end use, full stop or ? or !. For tests place test name here with test abbreviation in round brackets
RF	Number of references	Indicate number of SIRC records where this test is used
AB	Abstract	Information for this section may come from books, theses/dissertations or periodical articles that are different from the original citation that appears in the NOTES field. In this case cite the book, or periodical article here. This is especially important when NORMS appear as tables and cannot be reproduced in this Abstract field. The Abstract should have these parts: <ul style="list-style-type: none"> ▪ PURPOSE: ▪ DESCRIPTION: ▪ RELIABILITY: ▪ VALIDITY: ▪ NORMS: Use caps for the above section names. Description should be written in one continuous paragraph as per sample Table 7
CC	Country Code	For tests published or first reported in US use 840 ,
LANG	Language of Doc.	Use Eng for English. See Language abbreviation list in Tech Manual
ISBN	ISBN number	Some published tests have this number, but most do not. Brockport Physical Fitness Test Kit carries ISBN 0736002294
LC	Lib of Congress Accessions	Not relevant to a test in most cases. The Brockport does not have an LC number for Test Kit, but should have

	No.	
PURL	Publisher's website URL	e.g. http://www.humankinetics.com. For unpublished experimental test this field will not be used
PMAIL	Publisher's email	e.g. orders@hkusa.com This field not needed for unpublished experimental test.
SUB	Descriptors	Write descriptors In CAPS
SUB2	New Descriptors	New Descriptors not in SIRCThesaurus, but suggested to SIRC Indexing Committee. Put new descriptors, personal names, corp. names, geographic terms used as descriptors that are not in the SIRCThesaurus. Repeatable
BB	Bibliographic codes	e.g. 464174 Repeatable
HS	Handicapped Code	A 3 digit code, See SIRC Thesaurus
SS	Sub Data	The internal project code to be assigned by SIRC. Use XX for test records. Repeatable field: Use A if a recreation code is used in BB or H if Handicapped record
PP	Place of Publication	e.g. London, New York. Must have something in this field. Use s.l. if no place known. Experimental tests will not have a place of publication
PUB	Publisher	e.g. Human Kinetics, or Must have something in this field, use s.n if no publisher known. Experimental tests will not have a publisher.
TOC	Table of Contents	Include chapter numbers in square brackets. May be included along with an Abstract. Add information on Appendices, Lists other information not usually found in NOTES. Not useful for published nor unpublished tests for most information is in the AB or NOTES field
DATE	Current Publication Date	Use for monos only. Normally a four digit date or can use [1979?] or ca. 1979, etc. Can be different from BDATE especially if test has been updated.
DES	Descriptive Note	e.g. Collation: (for a published test, eg. Brockport) 1 videocassette (30 min), 1 computer disk (4 ¾ in) 1 sound cassette, 2 books, 1 measuring strip, 1 caliper.
SERIE	Series Note	e.g. Sport in the global society, v.10. Repeatable Usually not needed in a test record
NOTES	Notes	Use full stop at end. Write as continuous paragraph even if 3-4 sentences are used. Sample expressions that must be used for an unpublished test: <ul style="list-style-type: none"> ▪ ORIGINAL SOURCE: e.g. Cite original source ▪ AVAILABILITY: e.g. Available from first author, University of XX, Dept of XX Or in the case of a published test use: <ul style="list-style-type: none"> ▪ Includes Brockport Physical Fitness training guide and Brockport physical fitness test manual (or list any other published materials that accompany a test kit)

**Table 7. Sample Test Record for the (unpublished) Sport Orientation Questionnaire (SOQ)
Note: information from Ostrow's Directory (with Permission)**

ID	auto
ITYPE	M//X
BDATE	1988
LEVEL	I
LO	CaACU
AU	Gill, D.L.//Deeter, T.E.
AMAIL	dlgill@uncg.edu
TI	Sport Orientation Questionnaire (SOQ)
RF	43
AB	PURPOSE: To assess the disposition to strive for success in competitive and non-competitive sport activities, DESCRIPTION: The SOQ contains 25 items incorporating three subscales: a) competitiveness, b) the desire to win in interpersonal competition in sport and c) the desire to reach personal goals in sport. Participants respond to each item using a 5-point Likert format. RELIABILITY: Across the three sample, alpha reliability coefficients averaged .94 (competitiveness), .86 (win) and .81 (goal). Test-retest reliability coefficients

	obtained among the second sample of university students (n=218) across a 4-week interval were .89 (competitiveness), .82 (win) and .73 (GOAL). Intraclass correlation coefficients were .94 (competitiveness), .90 (win), and .84 (goal). VALIDITY: Concurrent validity was demonstrated by showing that participant' scores on the SOQ correlated with their scores on the Work and Family Orientation Questionnaire subscales. Construct validity was supported in that the competitiveness subscale differentiated students enrolled in competitive sport classes from students enrolled in non-competitive classes. Competitive sport participants were also differentiated from nonparticipants. Win and goal orientation subscales appeared to be less discriminating variables. NORMS: Not reported. Psychometric data were cited for 455 undergraduate students and 266 high school students randomly selected from grades 9 through 12.
CC	840
LANG	Eng
SUB	ACHIEVEMENT MOTIVATION//COMPETITIVE BEHAVIOUR//GOALS//WINNING//SPORT ORIENTATION QUESTIONNAIRE
BB	987050//988575//998976 **
SS	XX
PP	s.n.
PUB	s.l.
DATE	1988
DES	25 item questionnaire
NOTES	ORIGINAL SOURCE: Gill, D.L. & Deeter, T.E. Development of the Sport Orientation Questionnaire. Research quarterly for exercise and sport (Reston, Va.) v59, (3) Sept 1988, 191-202. AVAILABILITY: Contact D.L. Gill, University of North Carolina, Greensboro, Dept. of Exercise and Sport Science.

**new suggested code for Sport Psychology Tests

Research Performed and Written by:

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(Chair, North American Sport Library Network, and Publications Officer & VP for North America, International Association for Sports Information)

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IASI WORKING PROGRAM 2003-2004

AhWg	Responsibility	Sub-tasks for group
Members survey	Erika Schwarz (Chair) Li Tak Nang Jose Aquesolo Georg Anders Masa Ueda Vice Presidents	<ul style="list-style-type: none"> • Define broad topics for survey for IASI members • Vice Presidents to prepare questions under broad topics for their region • Expert advice sought on design of survey • Determine need for future survey of potential members needs
IASI web site	Gretchen Ghent (Chair) Anitta Palvimaki Roland Regner Ervin Sramel Esperanza Bobes Ruiz Chikara Miyaji Laercio Elias Pereira	<ul style="list-style-type: none"> • French, Spanish, Portuguese and Italian versions of iasi.org to be updated and to follow the organization of information as found on iasi.org
Marketing Plan	David Coleman (to be approached) Ervin Sramel Jose Aquesolo Jill Haynes Li Tak Nang	<ul style="list-style-type: none"> • Communicating the role and purpose and services of IASI to current and potential members. • Communicating the role and purpose and services of IASI to influential international and national commercial and non-commercial organizations • Develop partnerships to do the above
IASI 2005 World Congress Program	Cindy Slater (Chair)	

Committee	Alain Poncet, Ayala Maharik Beatriz Barbera Chikara Miyaji Yasuo Yamaguchi Dennis Whitby Jill Haynes Li Tak Nang Gretchen Ghent Andrei Teodorescu Anitta Palvimaki Jose Aquesolo Ma Tie Wang Huanfu Bruno Rossi Mori	
COMPASS	Bruno Rossi Mori (chair) David Coleman and partners	
IASI-SIRC Relations	Alain Poncet Gretchen Ghent Jill Haynes Hege Underthun Laercio Elias Pereira Ma Tie	

ACTIVITIES OF THE WORKING PROGRAM 2003-2004

Publication of newsletter April, July and November	Gretchen Ghent Vice Presidents to contribute content for newsletter	
Provide material for the ICSPPE Bulletin	Gretchen Ghent	
Human Kinetics donations program		Ongoing
Support for developing countries	Alain Poncet	Contact IOC, NOC & Olympic Solidarity to launch program to bring expertise of IASI to develop sports information.

Funding for projects	Clement Fasan Charl Durand	Preparation of official proposal for IASI African region workshop for 2003 meeting.
Cybercafe at ICSSPE Conference 2004 Thessaloniki	Ayala Maharik Alain Poncet Gretchen Ghent	
Collaboration with International Organizations	Alain Poncet Presidium	
Vote for Vice-President Latin America	Alain Poncet Maria-Lluisa Berasategui Latin America Members	Replacement of Beatriz Barbera
Transfert of IASI Headquarters	Alain Poncet Maria-Lluisa Berasategui José Aquesolo	<ul style="list-style-type: none"> ❑ Opening of the new headquarters in Barcelona ❑ Transfert of archives ❑ Declaration to Chamber of Commerce of La Haag

IASI Budget Plan: Guidelines for 2003-2004
Budget available: max 19.500 USD

1. EXPENSES

Nature of Activity	Explanatory Comments	Amount Budgeted 2002 Max 17.500 USD	Proposed Budget 2003 Max 19.500 USD
Annual Meeting	Preparation of Annual Meeting Practical costs Production of minutes (free of charge) European seminar	500	500
Links with sports science world	ICSSPE membership fee and Editorial Board Meeting ENSSEE Meeting	2.000	4.000
Contact with IOC	Meeting with IOC and Olympic Solidarity		
Internal Management	Meeting with bank Meeting with Managerial Unit	1.500	1.500
Daily Secretariat and Treasurer Business	Mailing Newsletters (free of charge) Circulars Minutes Executive Secretary Treasurer Publication Officer	1.500 500 500 500	500 500 500 500
Marketing	New IASI Brochure (partially free of charge) ID cards New History Brochure Marketing Plan	2.500 1.000	 1.000
IASI web site	Updating and Maintenance	2.000	1.000
Members Survey		1.500	1.500
Sponsorship	Workshop and Cyber Café in Africa Games		4.000
Miscellaneous	Unexpected commitments Any other business	3.500	3.500

2. INCOMES

2.1 Membership fees	
Institutional members : 150 x 75	11.250
Personal members : 30 x 50	1.500
Sponsored institutional member : 5 x 75	375
Sponsored personal member : 5 x 50	250
Patron institutional member : 10 x 150	1.500
Patron personal member : 10 x 100	1.000
Total : 210 members	15.875
2.2 Taking from 2002 carry over	3.625
Total	19.500

INTERNATIONAL ASSOCIATION FOR SPORTS INFORMATION EXECUTIVE COMMITTEE MEETING

LISBON – PORTUGAL

16-21 APRIL 2004

by

Joao Paulo Rocha

Sports Information officer

Jprocha@mail.telepac.pt

INTRODUCTION

It is with great honour and expectation that Portugal hosts in 2004 the annual IASI ExCo meeting.

Everything is being carefully planned to offer ExCo members and other IASI members who wish to join this event, a comfortable working atmosphere in a city that, we are sure, for those who don't know it yet, will dazzle you for its beauty, the kindness of its people, delicious food and spectacular sceneries.

The venue for the meetings, as you can see in this document, is a wonderful Hotel by the river in the Nations Park, with all the comfort and technical facilities needed for a profitable work.

An alternative Hotel is offered for those who come on their own expenses and might want a somewhat cheaper solution, still with great comfort. This second Hotel is located near the centre of Lisbon, and the major sites of interest, as well as the meetings venues are accessible by subway. Depending on the number of reservations for this second Hotel, the organisation will study the possibility to arrange transportation to and from the meetings venue.

Transfers from and to the airport are assured by the organisation. The organisation will also assume all expenses regarding lodging and meals for the ExCo members. For other IASI members who come on their own expenses, we are sure they will find lodging and meals not very expensive (in fact, amongst the cheapest in Europe).

We also will grab the opportunity to maximise the circumstance of organising a IASI meeting in Portugal, by planning a strategy of involvement of the sports information community in Portugal in such a way that a landmark will be posted.

We will organise, prior to the ExCo meeting, the « International Conference on Sports Information », to be held on the same venue between 14-16 April.

This Conference has already begun to be prepared and we hope that a wide participation of City Hall, Sports Federations, public and private schools, Sports Universities and other sports related organisations and individuals, will participate in a moment that will constitute a turning point for the Portuguese sports information system. Establishing frameworks for sports information management and for the establishment of relationships between the institutions and the community through sports information.

Also, during this Conference, we will try to motivate the participants to join and participate in IASI work. For this, we need, of course, the IASI ExCo support and involvement.

We would like to invite IASI to participate in this Conference in two ways :

- By appointing from amongst its ExCo members, four persons to give presentations on the following matters :

IASI – history, mission, activities, membership, etc. ;

Sports documentation products (paper versus digital, the right platform for the right target) ;

Sports statistics (sports indicators) ;

Sports Information Networks (history, aims, achievements. The part of IASI).

The presentations have a time limit of 30 minutes followed by 30 minutes debate with the participants.

Simultaneous interpretation will be provided for these sessions from and to Portuguese, French and English.

The organisation will, of course, assume lodging and meals expenses for these guests of honour.

The provisional programme for the Conference is in the respective chapter of this document.

- By building a document to be translated into Portuguese and printed by the organisation, to be distributed to the participants and afterwards to a wide range of public and private institutions operating on or having connection with the Portuguese sports system.

This document should focus on IASI activities and IASI membership, and is intended to be a leaflet or brochure that can inform about IASI nature and activities, and also motivate institutions and individuals to become members.

Furthermore we would like the IASI ExCo to think about the possibility of building this document no later than May 2003, so that the organisation can send it along with the invitations for the Conference, and institutions/individuals can consider joining IASI before the ExCo meeting and, eventually, to participate in it.

We are sure that your stay and your work in Portugal by this occasion will have a lasting effect in your memory, and that you will look forward for a comeback.

EXECUTIVE COMMITTEE ANNUAL MEETING

We propose as the umbrella topic for the Open Forum :
« **The new challenges for sports information** »

This will also be the main topic for the International Conference to be held prior to this meeting

Thursday, April 15th
Arrival of participants

Friday, April 16th
Arrival of participants
14h00 Presidential Board
17h00 Welcome reception (Port of Honour)

Saturday, April 17th
09h00 – 12h30 PESIS Seminar
12h30 – 14h00 Lunch
14h00 – 18h00 « Ad hoc » Working groups meetings Regional groups meetings

Sunday, April 18th
10h00 Official opening of the 2004 IASI ExCo Meeting
10h30 – 13h00 IASI ExCo Meeting (Session I)
13h00 – 14h30 Lunch
14h30 – 18h30 Open Forum

Monday, April 19th
09h00 – 13h00 IASI ExCo Meeting (Session II)
13h00 – 14h30 Lunch
14h30 – 18h00 IASI ExCo Meeting (Session III)

Tuesday, April 20th
09h00 – 13h00 Social programme
13h00 – 14h30 Lunch
15h00 Presidential board (if required) Free time

Wednesday, April 21th
Departure of the participants

Should the ExCo approve this schedule, the necessary information on the specific contents of each session will be sent along with the invitation for participation.

PRATICAL INFORMATIONS

OFFICIAL LANGUAGE

Official language in Portugal is portuguese. A majority of the population speaks also English and/or French and/or Spanish.

CURRENCY

The official currency in Portugal is, since 01-01-2002, the EURO. No other currency is accepted outside the airport for commercial transactions.

POWER SUPPLY

Voltage is 220 V. Some countries use plugs different from those used in Portugal. You can find adaptors easily in any convenience store.

WATER

Tap water is drinkable and of very good quality.

OFFICIAL TIME

Time zone in Portugal in April is TMG + 0 :00

CLIMATE

The climate in Portugal is mild moist. The average temperature in April is 22°C – 71.6°F. In April the sunrise is about 08h30 and sunset about 19h00.

VISA

Visa is required for some countries. Please confer with your local travel agency or authority to find out if this need is applicable to your country. To some countries, a health bulletin may also be asked.

EMBASSIES AND CONSULATES

We can find in Lisbon diplomatic representations from most of the countries that have dipomatic relationships with Portugal. Upon the arrival of the participants in the meeting, a list of those embassies and consulates, and respective contacts, will be provided.

CREDIT AN DEBIT CARDS

Credit and debit cards are of general use, and all major credit cards are accepted. There are numerous ATM throughout the city where you can cash directly in Euros. Should you carry a foreign currency and need to change it, it is better for your todo it in a bank, because in other cases (hotels, for example) additional taxes may apply. Banks are usually opened Monday to Friday 08h30 – 15h00. Some banks are opened until 17h00.

SHOPS

Shops are usually opened Monday to Friday from 09h00 to 13h00 and 15h00 to 19h00 – Saturdays 09h00 to 13h00. Shopping malls are usually Monday to Saturday from 10h00 to 23h00.

FOOD

Portuguese food is known as rich and tasty. One can have a good quality meal in an average restaurant for about 15€. In most restaurants you can have a typical portuguese meal or you can choose an international dish. Throughout the city there are restaurants that offer typical

dishes from around the world (chinese, Vietnamese, Japanese, Indian, Russian, Italian, Spanish, etc.)

USEFUL PHONE NUMBERS

Medical emergency 112

Police 213466141

Fire department 213460475

Airport 218413700

MOBILE PHONES

In Portugal, the mobile phones network is assured by three operators (TMN, Vodaphone and Optimus), using the european standard GSM. Please check with your local operator for roaming facilities in Portugal.

INTERNATIONAL CONFERENCE ON SPORTS INFORMATION

« The new challenges for sports informations »

Provisional programme

Tuesday, April 13th

Arrival of participants

Wednesday, April 14th

08h30 – 9h30 Reception to the participants

09h30 – 10h00 Opening ceremony

10h00 – 11h00 Presentation of honour – IASI (history, mission, activities, membership)

11h00 – 12h00 Presentation of honour – Sports Information Networks

12h00 – 13h00 Presentation – Copyrights

13h00 – 14h30 Lunch

14h30 – 18h30 Free communications (2/3 simultaneously)

Friday, April 16th

09h30 – 11h00 Forum – the power of the media in sports

11h00 – 13h00 Presentation – Models of relationship with the community through sports information (Portuguese Sports Public Administration)

13h00 – 15h00 Lunch

15h30 – 16h30 Questions and answers session – Closing session