

International Society of Biomechanics in Sports Newsletter



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President's Message: Hans Gros

Dear ISBS members,

The 16th ISBS Symposium in Konstanz, Germany, was an outstanding event in every respect. I share this opinion with many colleagues. It is my duty and pleasure to thank the local organising committee, most notably Manfred Vieten and Hartmut Riehle with their competent team for the tremendous work they did. Please be assured that your efforts were highly appreciated and esteemed by ISBS members from around the world. The fact that the printed proceedings were ready at the time of the conference (as was the case in Madeira, 1996 and Melbourne, 1989) is important in times of fast information flow. The presentation of the Symposium on the World Wide Web in conjunction with on-line registration and abstract submission facilities can serve as the standard of excellence for our future symposia. In case you could not experience the hospitality and stimulating scientific program, you may still get a glimpse of the spirit by looking at the picture gallery made available by Gideon Ariel at the site:

<http://www.apas.com/InetPub/ISBS98/Default.htm>

Thank you Gideon!

The Board of Directors and Executive have met twice. You will read about those meetings in this Newsletter. The overall trend of the development of ISBS is very positive. This is reflected in the growing membership and the numerous activities pursued by the society. Please refer to the reports of the Vice Presidents for further details. Also, please check out our home page regularly. We make every attempt to keep it up to date.

The last Elections have resulted in what I consider a healthy combination of 'old' members staying in a position or assuming new tasks and a number of persons who serve on the Board for the first time. I would like to thank the

parting board members Gideon Ariel, Patria Hume, Miriam Satern and Jerry Wilkerson for their past and future involvement with ISBS. A warm welcome is extended to the new Board members Joao Abrantes, Laurie Malone, Bojan Jost, Richard Smith, Joachim Wolf and San Yeon Woo. The elected Executive together with the Board members will ensure that the Society will continue to be a leader in the field of the application of biomechanics to sports. My congratulations to Ross Sanders, Larry Noble, Renato Rodano and Julie Steele!

In my last message (Vol. 15 No. 1) I proposed the inauguration of a database 'Who is who in ISBS' on the web. To date, I have received few replies. Despite this, I will still pursue the idea. We'll try to set up an on-line form sometime in the Fall. If you wish to be included in this database you may use the form supplied on the next page.

I wish you all the best and hope to meet you in Perth in 1999.

Hans Gros

News

A list of potential hosts for future ISBS Symposia are currently being compiled. Any expressions of interest should be forwarded to the ISBS VP Conferences, Tony Bauer on:

tbauer@gale.lakeheadu.ca

Expressions of interest for 2000 and beyond are welcome!

Who is Who in ISBS ?

Communication amongst and with all ISBS members has become ever more important and, with the use of modern information technology, easier. In order to facilitate the exchange of information and resources ISBS plans to implement a search tool on the ISBS home page. In conjunction with a growing and up-to-date data base, this tool can be used to search for a person, a biomechanist with a specific expertise or colleagues in a specific country. Basically, the search engine will browse the data base for any key-word supplied. Please take a few minutes to fill out the questionnaire and become part of a valuable ISBS resource.

Name	
Degree	
Affiliation	
Address	
Phone	
Fax	
E-mail	
Sports interest	
Research interest(s)	
Current project(s)	
Link to personal home page	
Any comment	

Return the form to: Hans Gros
Institut für Sportwissenschaft
Allmandring 28
70569 Stuttgart GERMANY
FAX: +49 711 6857226
E-mail: hans.gros@sport.uni-stuttgart.de

Thank you for your contribution.

Hans Gros

Vice Presidents' Reports

VP Awards: Eugene Brown

The following awards were presented at the XVI Symposium of the International Society of Biomechanics in Sports held in Konstanz, July, 1998. We would like to congratulate each recipient and the Awards Committee for their efforts throughout the selection process. Further information pertaining to each award category, including previous recipients of each award and the selection process for the New Investigator Award, can be found at the ISBS home page: <http://www.uni-stuttgart.de/External/isbs/>.



Geoffrey Dyson Lecturer

Herbert Hatze, Ph.D., of the University of Vienna was awarded the Geoffrey Dyson Lecturer. This award is the most prestigious award presented by the Society and calls for the recipient to deliver the opening lecture of the Symposium. The title of Professor Hatze's lecture was "Biomechanics of Sports: Selected Examples of Successful Applications and Future Perspectives." Dr. Hatze was chosen for his international reputation in the fields of simulation, optimization and mathematical modeling of human movement.

New Investigator Award

Toshimasa Yanai, Ph.D., of the School of Physical Education, University of Otago, won the New Investigator Award (NIA) of the International Society of Biomechanics in Sports. The purpose of the NIA is to recognise new researchers and to encourage them to become productive members of the Society by expanding the knowledge base of sports biomechanics through study and dissemination of information. All members of ISBS, who have completed their terminal degree (Master's or Doctoral) within the past two years, are eligible for consideration. Candidates must be the first author of the abstract submitted and accepted for presentation at the annual Symposium of ISBS. They must also present their paper at this Symposium. The title of Dr. Yanai's presentation was "Mechanics of Body Roll in Front-Crawl Swimming." The announcement of the award was made at the closing banquet of the Symposium. In his acceptance, Dr. Yanai recognised his doctoral adviser, Dr. James Hay of the University of Iowa, for the contributions that he made to his education. We congratulate Dr Yanai on winning this award.



Life Member

Ellen Kreighbaum, Ph.D., of Montana State University was awarded Life Membership by the International Society of Biomechanics in Sports at its XVI International Symposium held in Konstanz, Germany. This award is presented to members who have made outstanding contributions to the Society. Dr. Kreighbaum has been professionally dedicated to the Society since its inception in 1983. She has served the Society in several positions including President and has hosted the annual Symposium in Bozeman, Montana in 1988.

Eugene Brown

VP Research & Projects: ☐
Larry Noble

**THE 1998-99 INTERACTIVE
STEPPING MACHINE RESEARCH
GRANT PROJECT**

Purpose

ISBS is supporting five \$2,000 research projects involving the efficacy of variable resistance, interactive stepping machines (several types will be provided by ISBS). The goal is to identify the optimum short bout vigorous exercise period required for active daily living. Proposals involving biomechanical and/or physiological investigations of the efficiency of these variable resistance, interactive stepping machines and/or their comparison to other types of exercise machines and exercise regimens are desirable. However, other projects involving biomechanical and physiological examinations of exercise will be considered on the basis of scientific and intrinsic merit if the project involves one or more of the models of interactive, variable resistance stepping exercise machine provided by ISBS. Details of the different models of stepping machine provided by ISBS are available on request.

Eligibility

These research grants are available to all student or professional members of ISBS.

Proposal Guidelines

The proposal should consist of a narrative, proposed budget, and VITA of the principal investigator. The narrative should be no longer than 2 single-spaced pages and contain the following elements:

- title,
- purpose of the study,
- statement explaining why the project has merit,
- method of procedure,
- method of reporting results, and
- time line including start and completion dates.

The review of applications and decisions regarding ISBS support will be made as soon as possible after they are submitted.

Review Criteria

Proposals will be reviewed relative to the following criteria:

- intrinsic quality,
- scientific merit, and
- feasibility.

Budgetary Details

An initial allocation of \$1,000 will be made to the principal investigator of each project accepted for funding. An additional allocation of \$1,000 will be made upon submission of a project summary. The project summary should contain:

- introduction and purpose of the study,
- methodology,
- data analysis and interpretation,
- conclusions and practical implications, and
- plans for reporting results.

These funds may be used at the discretion of the PI to support any costs related to the proposed research, including salary, travel, equipment, and supplies.

Application Procedure

Requests for additional information on the stepping machines provided by ISBS and applications may be submitted via FAX, regular mail, or e-mail (preferred) to:

Larry Noble
Department of Kinesiology
Kansas State University
8 Ahearn Natatorium
Manhattan KS 66506 USA
Phone: +1-913-5326979
FAX: +1-913-5326486
E-mail: lnoble@ksu.ksu.edu

Larry Noble

**VP Publications:
Julie Steele**

Newsletter Deadlines

Two ISBS Newsletters will be published each year, one in October (Fall/"Downunder" Spring Edition) and one in April (Spring/"Downunder" Fall Edition). Deadlines for the receipt of material will therefore be September 1 and March 1 each year. Material to this Newsletter can be submitted in any form but please supply your E-mail and/or FAX address with any report so that further information can be obtained from you if required. Start sending YOUR contributions for the next ISBS Newsletter now to:

Julie R Steele
VP Publications ISBS
Department of Biomedical Science
University of Wollongong
Northfields Ave
Wollongong NSW 2522
AUSTRALIA

FAX: +61 (2) 42214 096
E-mail: julie_steele@uow.edu.au

NEXT DEADLINE: 1 March 1999

Editorial Thanks!

Just a note of thanks to my Editorial Assistants from the Biomechanics Research Laboratory, University of Wollongong, who proof read this Newsletter to try and minimise my errors (Bridget Munro & Diane Riddiford). Thanks also to the other students from the Laboratory who assisted in stuffing the envelopes (Annaliese Dowling, Elizabeth Cowling & Kelly-Ann Page)!



Advertising in the Newsletter

ISBS has now over 350 members throughout the world. Why not maximise exposure of your products? For companies wanting to advertise in this Newsletter please contact Julie Steele (Newsletter Editor). The Advertising rates are:

- Full page \$100 per issue
- Half page \$ 60 per issue
- Quarter page \$ 35 per issue
- Back cover \$150 per issue

For multiple advertisements in an issue, additional advertisements in the same Newsletter will be reduced by 50%. All rates are in Australian dollars (currently \$1 AUD = 59 cents US). Maximum exposure at bargain rates!

Julie Steele

**Secretary General:
Stuart Miller**

Dear ISBS members,

It was agreed at the 1998 AGM in Konstanz that the minutes of the previous year's AGM in Denton would be circulated by e-mail as well as being published electronically and in the Newsletter for approval by members. If you are happy to approve the minutes, I would be grateful for a simple reply to this message with the statement of DISAPPROVAL deleted (leaving the statement of approval). If, for some reason, you do not approve of the minutes, please reply to this message with the

statement of APPROVAL deleted (leaving the statement of DISAPPROVAL). In this case, please explain why you disagree with the minutes.

Should there be any comments which would result in a substantial change to the content of the minutes, I shall recirculate the amended version. Any minor amendments which do not affect the general meaning of the content will not be circulated.

The final date by which any amendments can be accepted is one month after the date of receiving this issue of the ISBS Newsletter.

Non-responses will be treated as approval of the minutes. Best wishes to all ISBS members.
Stuart Miller

INTERNATIONAL SOCIETY OF BIOMECHANICS IN SPORTS MINUTES OF THE ANNUAL GENERAL MEETING DENTON, USA. 22/06/97.

Call to order: The Chairman called the meeting to order at 2:06 p.m.

97.01 Presidential Address

Renato Rodano thanked all those members of ISBS who had helped him during his term of office. He wished his successor every success in continuing the development of the Society. He also thanked Jerry Wilkerson and all those who had worked to organise the ISBS symposium in Denton.

97.02 Minutes of the 1996 Annual General Meeting and Election Results

A report was submitted by Cynthia Tant in which difficulties with maintaining accurate membership records was noted. This is mainly due to delayed payment of membership dues. It was suggested that July 1st be the date on which annual membership begins and ends, and that membership be dissociated from the Journal of Applied Biomechanics. The results of the 1997 ISBS elections were reported and the new officers were welcomed.

97.03 Reports of the Executive Committee

Treasurer

Spiros Prassas presented the following financial statement (all amounts in U.S. Dollars):

Balance brought forward		10,563.30	
Income		Expenses	
Membership dues	5,434.40	JAB (Human Kinetics)	2,936.00
		Awards	180.00
		Dyson Lecture	1,000.00
		Newsletters	161.00
		Secretary General	131.98
		Bank charges	18.20
		Total expenses	4,427.18

Bank account (May 31, 1997) 11,570.22

David Waddell moved that the financial statement, as presented, be accepted.
Seconded by Barbara Gowitzke.
Motion carried unanimously.

VP Conferences

Aniko Barabas reported that ISBS 1998 would be held at the University of Konstanz, Germany. There were several bidders who had expressed a strong intent to host future ISBS symposia, including Edith Cowan University, Australia (ISBS 1999) and Clermont-Ferrand, France (ISBS 2000). Any other interested parties were requested to contact Aniko Barabas as soon as possible.

VP Research and Projects

Larry Noble presented a report which summarised the 1996-97 World Gymnastics Research Project. Three projects had been accepted:

- Technique analysis of uneven dismounts and release skills - Spiros Prassas, Colorado State University.

- A comparison of kinetic and kinematic data generated in the performance of a normal backward giant swing, and the performance of a backward giant swing prior to a release element on men's horizontal bar - John Newton and Philippa Armitage, Leeds Metropolitan University.
- An analysis of the kinematic and kinetic data generated in the performance of the Kovacs, and the backward giant preceding it, on men's high bar - John Newton and Philippa Armitage, Leeds Metropolitan University.

Two proposals were announced for 1997-98. These are to be:

- World Gymnastics Research Project;
- USA Women's Softball Hitting Research Project.

It was noted that details of these projects are to be posted on the ISBS web site.

The Research Committee for 1997-98 was announced as Larry Noble, Spiros Prassas, John Newton, Juergen Krug, and Sherry Werner.

VP Publications

Julie Steele noted that her main objective, revival of the ISBS newsletter, had been achieved, with two issues having been published (October 1996, May 1997). The response to these has been favourable. Material for future issues of the newsletter was requested from ISBS Officers. Thanks were given to those who had made contributions. It was suggested that the publication date for the first issues of the calendar year be changed to March/April in order that profiles of members nominated for office and voting forms for the ISBS elections may be included. Suggestions for features to be included in the newsletter which will provide originality were requested. It was reported that all members who responded to offers to receive the newsletter by electronic mail indicated a desire to receive a printed version. It was indicated that an increase in budget (to AUS\$500 from AUS\$300) was necessary to cover costs.

VP Public Relations

Joao Abrantes reported on progress made on the proposed closer relationship between ISBS and ISB.

VP Awards

Eugene Brown reported on the membership and work carried out by the Awards Committee in the past year, including that relating to the Geoffrey Dyson Lecturer, New Investigator Award and Awards Display. The membership was encouraged to provide nominations for those thought to be deserving of recognition by the society.

David Waddell moved that the reports, as presented, be accepted.

Seconded by Barbara Gowitzke.

Motion carried unanimously.

97.04 Presentation of Awards

Life memberships of ISBS were awarded to:

- David Kelley;
- John Ostarello;
- David Waddell.

A Fellowship of ISBS was awarded to:

- Juris Terauds.

97.05 New business

Hans Gros introduced and described the ISBS internet site which is based at the University of Stuttgart, and the maintenance of which he has taken responsibility for. It was noted that it was important that members update any information as necessary so that the site may be kept up to date. Manfred Vieten

presented information and a video related to ISBS 1998, which is to be held at the University of Konstanz.

Adjournment: David Waddell moved that the meeting be adjourned.
Seconded by Renato Rodano.
Carried unanimously.

The meeting was adjourned at 2:52 p.m.

Stuart Miller, 27/06/97

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I ACCEPT THE MINUTES OF THE 1997 ISBS AGM

OR

I DO NOT ACCEPT THE MINUTES OF THE 1997 ISBS AGM
(please state reasons why not below).

(Name)

(Signature)

(Date)

Return to: **ISBS Secretary General:**
Stuart Miller
Faculty of Cultural and Education Studies
Leeds Metropolitan University
Beckett Park, Headingley
Leeds LS6 3QS UK
Phone: +44-113 283 2600
FAX: +44-113 283 7575
E-mail: s.miller@lmu.ac.uk

ISBS Election Results: And the Winners are....

The outcome of the election of Officers for 1998-2000 was announced at ISBS '98 and are listed below for those members who were not able to attend the Symposium. This year, a concerted effort was made to ensure the smooth and efficient running of the election process. I believe that this has been achieved, partly evidenced by the greater number of votes cast (77) when compared to previous years. In what must have been one of the most closely fought contests the Society has ever had, the following members were elected:

President	Ross Sanders
VP Publications	Julie Steele
VP Public Relations	Renato Rodano
VP Research	Larry Noble
Directors	Pekka Luhtanen Ellen Kreighbaum Joao Abrantes Richard Smith Jo Wolf Laurie Malone Rene Therrien Barbara Gowitzke Jackie Hudson Bojan Jost San Yeon Woo

It is my pleasure to congratulate Ross Sanders on his election. He will serve a four year term, consisting of one year as President Elect, two as President and a further year as Past

President. I am sure that members will share my confidence that Ross will be effective in continuing the Society's current development. Congratulations also go to Larry Noble, Renato Rodano and Julie Steele who have been re-elected as Executives of the Society. Thanks also go to Joao Abrantes, whose term of office as an Executive ends this year. The Society welcomes new members of the Board of Directors for 1998-2000; Joao Abrantes, Laurie Malone, Bojan Jost, Richard Smith, Joachim Wolf, Sang Yeon Woo. We are sure that each will make a significant contribution to the continued development of the Society.

Congratulations are also extended to Barbara Gowitzke, Jackie Hudson, Ellen Kreighbaum, Pekka Luhtanen and René Therrien, who remain as members of the Board of Directors for 1998-2000. The Society would like to thank Gideon Ariel, Patria Hume, Miriam Satern and Jerry Wilkerson whose service as Directors ends this year. It is sincerely hoped that ISBS enjoys the continued support of such experienced members. Sincere thanks also go to Eugene Brown, Al Finch, Rafael Bahamond, Bing Yu, Dan Wilson and Young-Hoo Kwon who accepted nomination for election.

Stuart Miller
Secretary General

Call for Biomechanics Project Applications: Sydney 2000 Olympic Games (15 September – 1 October, 2000)

Following the practice of recent Olympic Games, the Medical Commission of the International Olympic Committee will sponsor biomechanical research studies during the Sydney Summer Olympic Games in 2000.

The Subcommittee for Biomechanics and Sports Physiology of the IOC Medical Commission requests project applications from various scientific laboratories and institutes.

Applications should specify the purpose (benefit to the athlete), research, methodologies, personnel involved and budget. Specific venue requirements, such as positioning of cameras, must be clearly stated in the proposal. Preference will be given to projects that clearly show direct benefit to athletic performance and have the support of National/International Governing Bodies. Proposal length should not exceed 6 pages.

**Deadline for submission is
1 September 1999.**

The IOC Medical Subcommittee will review the proposals and make the final selections by 15th January 2000.

Financial assistance will be allocated with consideration to: benefit of study, personnel involved, analysis procedures, accommodation and travel costs. Equipment used in each study is the responsibility of the project team. The IOC Medical Subcommittee for Sydney 2000 is looking at a reduced number of projects which will lead to increased funding for each team. Accommodation will be provided for the successful Research teams. Research assistants are planned to be available to assist with projects at the games and no direct access can

be expected with respect to athletes. Where appropriate, the accreditations, room reservations and local transport will be arranged by SOCOG in Sydney.

Proposals should be posted to:

Professor Bruce Elliott
Subcommittee Coordinator
Sydney 2000 Applied Biomechanics Projects
C/- Department of Human Movement
The University of Western Australia
Nedlands Western Australia 6907
Australia

Telephone: +61-8-9380 2360
Facsimile: +61-8-9380 1039
E-Mail: Bruce.Elliott@uwa.edu.au

Rod's Tips: Interesting Web Sites to Visit!

And now for a few more places which you can visit in those "spare" moments! Don't forget that those sites that prove useful will be linked directly to the ISBS home page. So tell us what is relevant to you or submit your own tips.

☑ Today's Tips:

For a tutorial on surface electromyography, detection and recording by Carlo Deluca try:

- <http://nmrc.bu.edu/nmrc/detect/emg.htm>

A useful tutorial on muscle physiology can be found at:

- <http://www-neuromus.ucsd.edu/home.html>

An interesting site concerned with simulating human motion of dynamic behaviours such as running, bicycling, diving and vaulting is:

- <http://www.cc.gatech.edu/gvu/animation/>

For anyone thinking about using the web as part their biomechanics teaching program here

are some sites that are worth looking at for ideas:

- <http://sessm.scu.edu.au/RobertNewton/>
- http://www.orst.edu/Dept/HHP/EXSS/biomechanics_home_page.html
- <http://www.celos.psu.edu/>
- <http://www.umich.edu/~divkines/kinweb/courses/mvs330/>
- <http://www.nhs.gu.edu.au/biomech/biomech.htm>

An excellent starting point to find information on almost any sport.

- <http://dir.yahoo.com/Recreation/Sports/>

This address can connect you through to a variety of home pages related to sports as diverse as camel racing and sandboarding, sports libraries, and other web sites associated with sports. Why not connect to the sites associated with boomerang throwing and sharpen your skills before coming Downunder for ISBS'99.

Rod Barret

ISBS Executive Council Directory

The current members of the ISBS Executive Council and their contact information are listed below. Please feel free to contact any member of the Executive if you wish to discuss matters relevant to ISBS.

President:

Hans Gros
Institut für Sportwissenschaft
Allmandring 28
70569 Stuttgart GERMANY
Phone: +49-711-6853177
FAX: +49-711-6853165
E-mail: hans.gros@sport.uni-stuttgart.de

President Elect:

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School of Biomedical and Sports Sciences
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FAX: +61-9-4005717
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Vice President Awards:

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FAX: +1-517-353 5363
E-mail: ewbrown@pilot.msu.edu

Vice President Conferences:

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FAX: +1-807 343 8944
E-mail: tbauer@gale.lakehead.ca

Vice President Publications:

Julie Steele
Department of Biomedical Science
University of Wollongong
Northfields Ave
Wollongong NSW 2522 AUSTRALIA
Phone: +61-2-42213 881
FAX: +61-2-42214 096
E-mail: julie_steele@uow.edu.au

Vice President Public Relations:

Renato Rodano
Centro Di Bioingegneria
(Politecnico
di Milano - Pro Juventute Fnd.)
Via Capecelatro 66
20148 Milano ITALY
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Vice President Research & Projects:

Larry Noble
Department of Kinesiology
Kansas State University
8 Ahearn Natatorium
Manhattan KS 66506 USA
Phone: +1-913-5326979
FAX: +1-913-5326486
E-mail: lnoble@ksu.ksu.edu

Secretary General:

Stuart Miller
Faculty of Cultural and Education Studies
Leeds Metropolitan University
Beckett Park, Headingley
Leeds LS6 3QS UK
Phone: +44-113 283 2600
FAX: +44-113 283 7575
E-mail: s.miller@lmu.ac.uk

Treasurer:

Manfred Vieten
University of Konstanz
FG Sportwissenschaft
Universitätsstrasse 10
P.O. Box 5560 D 30
D-78434 Konstanz GERMANY
Phone: +49-7531-883565
FAX: +49-7531-883026
E-mail: manfred.vieten@uni-konstanz.de

ISBS Board of Directors

The following people were elected to serve your interests on the ISBS Board of Directors. To those who have joined the Board for the first time, we welcome you and look forward to your contribution to ISBS.

1997-1999

Rodney Barrett	Australia	(r.barrett@gu.edu.au)
Jürgen Krug	Germany	(krug@rz.uni-leipzig.de)
Wayne Marino	Canada	(wmarino@delta.uwindsor.ca)
Bruce Mason	Australia	(bruce.mason@ausport.telememo.au)
Henrik Sorensen	Canada	(h.sorensen@mai.ku.dk)
Dany Too	USA	(dtoo@po.brockport.edu)
Frantisek Vaverka	Czech Republic	(vaverka@risc.upol.cz)
David Waddell	Canada	(gowitzke@hwfn.on.ca)

1998-2000

Barbara Gowitzke	Canada	(gowitzke@hwfn.on.ca)
Jackie Hudson	USA	(jackie_hudson@macgate.csuchio.edu)
Joao Abrantes	Portugal	(jabrantes@fnh.utl.pt)
Ellen Kreighbaum	USA	(ahdek@trex.oscs.montana.edu)
Pekka Luhtanen	Finland	(pluhata@kihu.jyu.fi)
Richard Smith	Australia	(R.Smith@cchs.usyd.edu.au)
Rene Thérien	Canada	rtherrien@feps.usherb.ca)
Joachim Wolf	Germany	(wolf.osp-stuttgart@t-online.de)
Laurie Malone	USA	(lamalone@saturn.vcu.edu)
Bojan Jost	Slovenia	(bojan.jost@uni-lj.si)
San Yeon Woo	Korea	(s-ywoo98@asan.sch.ac.kr)

Further contact details for each Board member are listed on the ISBS home page.

ISBS '98 is History: For all those who like to read some statistics

The 16th International Symposium of the International Society of Biomechanics in Sports was held from July 21 to July 25, 1998 in Konstanz, Germany. 285 participants attended the conference. The detailed numbers are as follows:

ISBS-Fellows:	2 (John Cooper and Juris Terauds)
Dyson and Keynote Lecturers:	7
Life/Full/Student Members:	130 (97 early registrations, 33 after May 15)
Non-members:	91 (65 early registrations, 26 after May 15)
Accompanying Persons:	24 (16 early registrations, 6 after May 15)
One day Participants:	20
Two days Participants:	11

- The participants were from 40 different countries which included: Algeria, Australia, Austria, Belgium, Brazil, Canada, China, Czech Republic, Egypt, Finland, France, Germany, Greece, Hungary, Iran, Israel, Italy, Japan, Latvia, Lithuania, Mexico, New Zealand, Philippines, Poland, Portugal, Puerto Rico, Qatar, Republic of Korea, Romania, Russia, Singapore, Slovenia, Spain, Switzerland, Taiwan, UK, Ukraine, United Arab Emirates, USA, Venezuela.
- Pekka Luhtanen, last year's "Dyson Award Winner", and two former "New Investigator Award Winners" (Laurie Malone and Sang Yeon Woo) participated actively in the conference.
- We received 318 abstracts. 151 (47.5%) were accepted (with or without changes) for oral presentation, 118 (37%) were accepted (with or without changes) for poster presentation, and 49 (15.5%) were rejected. About 20 oral and 20 poster presentations were withdrawn by the authors for various reasons (mostly prior to the beginning of the conference).

We trust you all enjoyed the "experience" and will be refreshed to repeat it all again Downunder at ISBS'99.

Manfred Vieten

**ISBS'99:
Perth, Western Australia
Start those papers now!**

How's your planning coming along? In the last Newsletter, details to help you plan your travels were included. Now that you have booked those flights, it's time to start preparing your papers. To help you in this endeavour we have enclosed the "Call for Papers: Sport Biomechanics Downunder" brochure with this Newsletter. This includes information on:

- the call for papers (detailed instructions, submission dates etc.)
- an example paper following the new submission guidelines
- registration and accommodation forms

Don't forget that the official Symposium travel agent - Clem Hammond of Harvey World Travel - will be pleased to provide you with further information about travel and tours. Clem may be contacted directly at the following E-mail address: guyjack@ozemail.com.au. Reference codes for all your travels arrangements were documented in the last Newsletter. For new members of ISBS, copies of this Newsletter can be found at the ISBS home page:

<http://www.uni-stuttgart.de/External/isbs/>

Just click on the Newsletter icon and select Volume 15 No. 1 April 1998. Or for more information of the Symposium go directly to the ISBS'99 home page:

http://weaver.fste.ac.cowan.edu.au/~blaw/sports/isbs_invitation.html

This page can also be accessed via the ISBS home page. Just click on the Conferences icon, then select SYMPOSIUM XVII: 1999 - PERTH, AUSTRALIA.

QANTAS →
Official Airline for ISBS'99

As predicted the Aussie dollar has dropped even further from the 0.66 US reported in the last Newsletter to now be as low as 0.59 US. So...start booking your trip "Downunder" now for an ISBS experience you will not forget!

Ross Sanders
ISBS'99
Symposium Convenor

New ISBS Members

Due to the substantial increase in new members (for the second newsletter in a row) it is not possible to list the personal contact details of each member. However, welcome to ISBS!

Elizabeth Bradshaw, Australia
John Brown, Australia
Nicholas Linthorne, Australia
Kelly-Ann Page, Australia
Karen Reynolds, Australia
Robin Roithner, Austria
Hermann Schwameder, Austria
Jean-Pierre Baeyens, Belgium
Monica Brochado, Brazil
Sonia Correa, Brazil
Eduardo Nabinger, Brazil
Júlio Serrão, Brazil
Velika Kambourova, Bulgaria
Mario Lamontagne, Canada
Michael Poling, Canada
Ellen Lu, China
Said Emam Hassan, Deutschland
Gerhard Hippmann, Deutschland
Hamdy Hussein, Egypt
Antti Moilanen, Finland
Seppo Nissila, Finland
Juha Saarela, Finland
Fabien Chojnowski, France
Ralf Attermeyer, Germany
Christiane Bohn, Germany
Eric Eils, Germany
Thomas Henke, Germany
Klaus Lehrberger, Germany
Oliver Ludwig, Germany
Luis Mendoza, Germany
Daniela Naß, Germany
Klaus Peikenkamp, Germany
Michael Pfeilmaier, Germany
Wolfgang Schoellhorn, Germany
Michael van Husen, Germany
Veit Wank, Germany
Nickos Aggelousis, Greece
Vassilios Gourgoulis, Greece
George Mavromatis, Greece
László Kocsis, Hungary
Karl Gudmundsson, Iceland
Margret Jonsdottir, Iceland
Moshe Ayalon, Israel
David Ben-Sira, Israel
Kenji Naya, Japan
Tsutomu Sasaki, Japan

Shuji Suzuki, Japan
Chiharu Tanaka, Japan
Katsue Tanaka, Japan
Matilde Baha, Mexico
Francisco Alves, Portugal
Orlando Fernandes, Portugal
Ronaldo Gabriel, Portugal
Maria Machado, Portugal
António Moreira, Portugal
António Veloso, Portugal
M. Gamal Nasser, Qatar
Wunching Chang, Singapore
Boštjan Kersnič, Slovenia
Otmar Kugovnik, Slovenia
Yu Liu, Taiwan
Lin-Hwa Wang, Taiwan
Chung-yu Chen, Taiwan
Vasilios Baltzopoulos, UK
Steve Chadwick, UK
Mark Colpus, UK
Guy Gosselin, UK
Lesley Hendy, UK
Gareth Irwin, UK
Aki Salo, UK
Alexander Arkhypov, Ukraine
Mark Archambault, USA
Jess Brown, USA
Corinna Kupelwieser, USA
Kathy Simpson, USA
Donald Sussman, USA
Michelle Tarrant, USA
Robert Welcher, USA
Pamela Williams, USA

\$ Membership Fees \$

Please make sure you are a member in good standing! See the Membership Application form on the next page.

ISBS Membership Application Form

From the treasurer of ISBS

Dr. Manfred M. Vieten
 University of Konstanz
 FG Sportwissenschaft
 Universitaetsstrasse 10
 78464 Konstanz
 Germany



Tel +49-7531-88-3565, Fax: +49-7531-88-3026, E-Mail: Manfred.Vieten@uni-konstanz.de
<http://www.uni-stuttgart.de/External/isbs/>

ISBS Membership Fees

Please complete and return this form to the treasurer by ordinary mail. For your convenience the return address is printed on the back of this sheet. The full ordinary membership fee is US\$ 20.— (DM 36.50) and the student membership fee is US\$ 10.— (DM 18.25). Please note that you are requested to pay either in US Dollars or in DM (German Marks). Please select your preferred method of payment on the following page.

Your membership data:

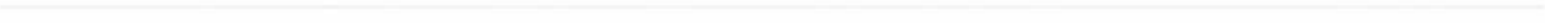
	Personal data:	Please complete or correct:
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University/ Institution:		
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Membership Status		

According to our database you are a _____ and have paid membership fees for the year(s) _____. Please inform the treasurer if this is incorrect. Kindly note the changed modality of membership. Full ISBS membership no longer includes a subscription to the **Journal of Applied Biomechanics**. For the payment action see next page.





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