

International Society of Biomechanics in Sports Newsletter



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The New President's Message: Ross Sanders

Where Have We Been and Where Are We Going?

I am very pleased to be a part of the ISBS Executive and Board of Directors. It is a time of rapid development of the ISBS. The Society has come a long way in recent years and this reflects glowingly on the efforts of past Executives and Boards of Directors. I believe that we have a very strong foundation to better achieve our mandate of disseminating scientific information on technique and prevention of injury in sport to scientists and practitioners. I wish to pay particular tribute to five members who have contributed enormously to laying this foundation: Joao Abrantes and Renato Rodano for their outstanding work in raising our profile among the biomechanics community and in establishing links with other societies, notably the ISB; Hans Gros and Manfred Vieten for their work in establishing a very impressive and professional home page on the Web; and Julie Steele, a real dynamo who, in addition to compiling the newsletter in a capable and efficient manner, conceives and drives initiatives to improve the quality of ISBS output and strongly supports initiatives of others.

This foundation affords some great opportunities that should be seized over the next couple of years. These are:

1. The firm establishment of the ISBS as a provider of sports science information. Our reputation as a provider of scientific information to the scientific community will continue its upward trend. However, I envisage enormous growth as a provider of scientific information to practitioners - coaches, teachers and sports participants.
2. The establishment of increased funding support for research in sports technique.
3. The establishment of a Journal specifically for the ISBS.

The Executive and Board of Directors will be pursuing each of these vigorously.

Establishment of the ISBS as a Provider of Sport Science Information

I see two major thrusts:

1. The consolidation of the applied program as a regular feature of ISBS conferences. Tony Bauer, as VP Conferences, is working towards consolidating the applied program and has recruited one of our board members, Patria Hume, to assist in developing guidelines to help push towards 100% in subsequent conferences.
2. My vision is that coaches and sports-persons world wide will view the ISBS as the best source of the latest information on sports technique and prevention of sports injury and will view the ISBS as 'their source' for this purpose. With the web infrastructure now well established by Hans and Manfred we are ideally placed to disseminate information and to educate coaches to use this resource freely.

I will be coordinating the development the 'applied' side of the home page. The papers from the applied sessions at the Perth conference will be used to start sections on swimming, tennis, acrobatics and fundamental skills.

What Can You Do as a Member of ISBS?

The success of this venture depends on 'educating' practitioners that this is 'their source' of information on sports technique and injury prevention. So please spread the word to coaches, athletes, and teachers that the ISBS is a great source of useful information for them and that a major role of the ISBS is to provide this information.

I will be seeking assistance to establish and maintain the applied home page. I intend to recruit individuals to administer, modify and maintain sport-specific sections. If you have an interest in helping for a particular sport please contact me.

***Establishment of Increased Funding
Support for Research in Sports
Technique***

Most of us are aware that it is very difficult to sustain a program of sports technique research in the current funding environment. Already, we have in place some research opportunities for our members thanks to the efforts of Larry Noble and his committee. The recent development of the home page affords the possibility of having a major international profile among sports-people. This also affords an attractive environment for advertising and therefore for securing major sponsorship. I would like to see us develop a 'package' that is attractive to potential sponsors. The return to the sponsor would include recognition in releases to television, radio and newspaper media of findings from studies that would be of general public interest. This funding would be distributed to ISBS members, following evaluation of proposals on a competitive basis, to conduct research on sports technique.

A working party is being formed to:

1. Identify the types of worthwhile research that members would like to undertake but are unable to do because of the difficulty of obtaining funding.
2. Develop a package and marketing strategy to attract a major sponsor.
3. Identify potential sponsors and meet with them to discuss the package.

The working party welcomes any suggestions you may have with regard to this important task.

***The Establishment of a Journal
Specifically for the ISBS***

There is no doubt that with the broadening of the content of the Journal of Applied Biomechanics and the loss of our affiliation with that Journal there is a growing need for a journal specific to sport biomechanics and with which the ISBS would be closely affiliated. The time is probably right to address this issue seriously. There are two basic options:

1. A traditional hard copy (paper) journal.
2. An electronic journal, that is, a journal that is on the WWW rather than in solid paper form.

Despite her extremely busy schedule Julie Steele is working on this important task. If you have an opinion or a preference for the journal please contact Julie and let her know.

Please note from the above that there are several opportunities for you to make a contribution to the Society and the Executive and Board of Directors look forward to hearing from you.

Conferences

For many of us ISBS conferences are the highlight of the year. The committee at Edith Cowan University was very pleased to host the ISBS 1999 Symposium and thanks all participants for making the conference very successful professionally and socially. We now look forward to ISBS 2000 in the heart of Asia. Youlian Hong and his team are doing a great job and ISBS 2000 promises to be a very enjoyable conference in the exciting city of Hong Kong. I look forward to seeing you at ISBS 2000.

Ross Sanders
President of ISBS

News 

The membership access codes to update your membership details via the ISBS home page are now operational. Why not try them today!

Vice Presidents' Reports

VP Awards: ↴ Eugene Brown

Processing Nominations for the Geoffrey Dyson Award

Recently, some members of ISBS have asked "What happened to the nomination that I made for the Geoffrey Dyson Award?". Because the nomination and selection process is handled somewhat differently than for most other awards, clarification is needed.

The process is open for any member of ISBS to make a nomination to the Awards Committee. Nominees are added to a list of viable candidates for the Dyson Award as they are received. Subsequently, supporting information is gathered on the nominee. The Awards Committee will often call upon the nominator to assist with the provision of this information. The list of viable candidates and information about these candidates are circulated among the members of the Awards Committee who then decide on which nominee to put forth to the President of ISBS. The Awards Committee also selects an alternate in case the person put forth is unable to fulfill the responsibilities of this award.

Whether or not a nominee is informed that he/she was nominated is the choice of the nominator. The Awards Committee does not generally communicate this information with the nominees. Therefore, the Awards Committee does not communicate on a yearly basis with each of the candidates about being selected or not.

What happens to the viable candidates who are not chosen? They remain as viable candidates for subsequent years, where they will be considered again. Nominators and nominees should not be disgruntled if they are not initially successful. There are several outstanding candidates for the Dyson Award on the Awards Committee's list. Nominees should not feel left

out if they were not selected the first year that they were nominated.

Eugene Brown

VP Conferences: → Tony Bauer

Proposal Submissions to Host the ISBS Conference for Years 2001, 2002, 2003

The privilege to host the conference is considered a great honour as the annual event is the showcase for the Society. The role requires a great deal of planning and administrative skill and will require at least three years preparation and promotion. The chair of the conference will be supported and directed as much as possible by the Executive Members and a written organisational guideline is provided to assist planning. We are doing our best to standardise and formalise the conference process so that we can maintain high academic standards and minimise the necessity for conference chairs to create their own guidelines re awards, refereeing process and membership of scientific committee, proceedings etc. Proposal submissions are now due for members wishing to host the conference over the next three years. The location of the conference will, where possible, rotate through three different world bands: Australasia; North and South America; and Europe, Africa and the Middle East. The Executive Board has decided that the future sites for the ISBS conference will be decided three years in advance and based on a formal written proposal using a prescribed format. The format is available through the Vice President of Conferences, Tony Bauer, and should be submitted by electronic mail by the due date indicated below. The proposals will be circulated to Board Members for voting on a prioritised basis. The proposals with the most high priority votes will be awarded the conference. Proposals for 2001 and 2002 are due Oct 1, 1999 and will be decided by the voting process using electronic mail.

The decision will be made in December 1999. Proposals for 2003 are due March 1, 2000 and the decision will be made in Hong Kong at the Board meetings. If you require details re the Proposal Format or any other directions please contact:

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The site for ISBS 2001 has still not been decided but will hopefully be in North America and the 2002 is planned for Europe or the Middle East.

We look forward to receiving your submissions!

Tony Bauer

VP Research & Projects: 
Larry Noble

Research Committee: Bing Yu, Al Finch, Juris Terauds and Larry Noble.

The Society has two active research projects:

1. the Interactive Stepping Machine Research Grant Project (SMRGP), and
2. the Discus Research Project (DRP).

Interactive Stepping Machine Research Grant Project (SMRGP)

The SMGRP is jointly sponsored by X-iser Industries (Juris Terauds, President) and provides \$2,000 in support of a maximum of five research projects involving the efficacy of variable resistance, interactive stepping machines manufactured and distributed by X-iser Industries (several units will be provided by X-iser Industries to each grantee, as needed). The specific goal of the project is to facilitate research that will 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 have been solicited via our web site and Newsletter as well as announcements on BIOMCH-L electronic bulletin board. However, other projects involving biomechanical and physiological examinations of exercise are 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 machines provided by X-iser Industries. One grant was recently awarded to John Chow, University of Illinois, USA for a study entitled "*The effect of stepping rate on knee joint forces during stepping exercise*". The project is expected to be completed by June, 2000. No grant proposals are under review at this time, so there is the potential for the funding of four additional projects. We encourage all members to consider taking advantage of this opportunity. Details of the project and application procedures can be found on the ISBS web site.

Discus Research Project (DRP)

The DRP is jointly sponsored by the Division of Physical Therapy at the University of North Carolina at Chapel Hill and USA Track and Field (USATF). It involves the analysis of videographic recordings (SVHS, NTSC format) of men's and women's discus finals of the 1998 USA Track and Field National Outdoor Championships in New Orleans, Louisiana, June 19-21, 1998. To this point, one proposal has been supported: Tomohisa Miyanishi, Faculty of Physical Education, Sendai College, Miyagi, Japan. Applications are still being accepted for this project. More information about this project and details regarding application content and procedures can be found on the ISBS web site.

No firm plans have yet been developed for additional projects for 1999-2000. However, we have discussed extensively the concept of collaborating with on-site videographic and cinematographic data collection teams at the Sydney 2000 Olympics to facilitate

biomechanics research of these events by scientists other than members of the on-site team. Any ideas and suggestions that any of you have for improving the effectiveness of existing projects or the development of new projects are welcome. We are especially interested in facilitating the sharing of videographic, cinematographic, or other databases of elite sports events with members of the society. If you are part of an on-site data collection and research team involving highly skilled sports performance and would like to pursue the concept of sharing the data with other interested members, please contact:

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Larry Noble

VP Publications: 
Julie Steele

ISBS '99 Proceedings

To order copies please contact:

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See the ISBS home page (click on "Conferences") for further details:

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

Newsletter Deadlines

Two ISBS Newsletters will be published each year, one in October (Fall/"Down Under" Spring Edition) and one in April (Spring/"Down Under" 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:

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NEXT DEADLINE: March 1 2000

Editorial Thanks!

Just a note of thanks to my Editorial Assistant from the Biomechanics Research Laboratory, University of Wollongong, who proof read this Newsletter to try and minimise my errors (Bridget Munro). Thanks also to the other students from the Laboratory who assisted in stuffing the envelopes (Liz Cowling, Annaliese Dowling, Kelly-Ann Page & Gavin Pinniger). With over 400 ISBS members, this is quite an effort!



Julie Steele

Advertising in the Newsletter

ISBS has now over 400 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 = 63 cents US). Maximum exposure at bargain rates!

Sharks Down Under: ☺ ISBS '99 – A Participant's View Aki Salo

The ISBS family started to gather together for the XVIIth conference in Perth towards the end of June this year. Some participants had arrived in Australia a few days earlier – lucky them, they did not suffer from jet lag on the first days of the conference. I was one of those lucky ones as I visited Adelaide before coming to Perth. When I arrived at Adelaide Airport, the temperature was +2.6°C. This was supposed to be my summer holiday!

The conference organiser, Ross Sanders, used a novel approach by recruiting his own family (warm thanks to Leslie and Duncan) to pick up the participants from the airport - pending that the long journey had not tricked everyone and that the visitors actually arrived on the right day. Accommodation was organised for great holiday apartments in a beautiful location at Sorrento Beach Resort on the outskirts of Perth.

Directly preceding the conference on 29th June, there was an excellent symposium on Data Smoothing co-organised by ISBS and ISB. Dr Graeme Wood chaired the workshop and three distinguished speakers gave the participants very thorough knowledge of the subject. In the unlikely event that you nodded off during parts of the talk due to jet lag, I hope you did not miss Prof. Hatze's comment: "Do not worry about formulae" – there is a first time for everything!

Ross Sanders had promised us an unforgettable opening with the sharks and he certainly did not let us down. The conference venue at the

Underwater World, 150 m from the apartments, offered totally new experiences for most of us. Not many of us have been half a metre away from majestic sharks before – luckily there was a 5 cm thick glass between them and us.

The scientific programme was opened with the traditional Geoffrey Dyson Memorial Lecture. Professor James Hay gave us marvellous insight into his long-term research about the take-off in the long jump and in running jumps generally. The ISBS Award Committee must be commended on the excellent choice of the recipient for this award.

The rest of the scientific programme followed a standard format - keynote lectures, oral presentations and poster sessions. However, a very positive point was that there were no parallel sessions, so participants were able to listen to all the interesting, and I have to say, high quality presentations. The new format of selecting papers based on a 4-page proceeding submission rather than just an abstract, trialled for the first time by ISBS this conference, has clearly raised the quality of papers presented in the conference.

Another new concept trialled for the first time at an ISBS conference was to split the conference into two parts, incorporating an applied programme. This was scheduled over the weekend in the middle of the standard scientific programme. Four different sessions were offered and were attended by some of the researchers and a high number of coaches, athletes and other interested people such as

physical education teachers. I believe that this was a good move from ISBS, although the format may need further development. For those main conference participants, who did not take part in the applied programme, the weekend seemed a bit of waste of time. On the other hand, for those who took part in the applied sessions, the whole conference was very intensive and quite long, as it lasted a total of eight days.

However, do not even think that the conference was only about scientific sessions, presentations and the applied programme. The British group (strengthened with some Danish, Americans, Australians etc.) was very pleased to find a local Irish pub (which, however, was far from Irish). In any case, whatever the nationality, some were more successful in chatting up the locals than others.

A trip to see an authentic Australian Rules football game was also organised. Some, like me, trusted the weather forecast too much and stayed away. Needless to say, it did not rain! Another memorable evening was a visit to Tumbulgum farm, where a few people got hands on experience that milking a cow was not that easy - or was it?

The bravest experience, however, belongs to Spiros Prassas and Manfred Vieten, who were persuaded to jump out of an airplane by Dr

Laurie 'Skydiving' Malone (Spiros - hopefully you have already told your wife). The group is looking for more volunteers to repeat the performance next year in Hong Kong. Be ready, if you have 'a bottle' (but be warned, check carefully who is driving the car to the airport - it could be more dangerous than the jump itself!).

Such a conference is also a valuable learning experience on wider issues, especially for the younger generation. The lessons we were able to take with us were, for example, how to have an 'all-singing-all-dancing' presentation, how not to jump into a cold Jacuzzi, how to prepare for a job interview, how to overrun your presentation time, how to change dress every day and how to spend a 5-minute discussion time for a single answer.

I think that I can say on behalf of the all participants that we had a good time. We enjoyed an extremely well organised conference (sincere thanks to Ross and his team), totally new adventures, high quality presentations and discussions, youth mixed with experience, researchers mixed with coaches - the list could just go on and on.

See you in Hong Kong in June 2000.

D'Aki (Salo)

Rod's Tips: Interesting Web Sites to Visit!

And now for a few more of Rod's Tips! Don't forget, those sites that prove useful to the membership will be linked directly to the ISBS home page.

Today's Tips:

Sport Information Resource Centre (SIRC) site contains a wealth of general information about sport, including sport science. It's one of the most comprehensive sport-related web sites I've ever seen. SIRC specialises in collecting, organising and distributing sport-related practical and research information found in magazines and periodicals, books, theses and dissertations, conference papers and related research reports. SIRC electronically

distributes bibliographic information to these materials through the database SPORTDiscus. Definitely worth a look.

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

A comprehensive bibliography of sports biomechanics articles is located at:

http://www.peakperform.com/biomech_research_pubs_sports.htm

For information on the latest cycling technology see:

<http://www.zipp.com/aerob.html>

Information about Australian Sport including Sydney 2000 and other Olympic information is located at:

<http://www.ausport.gov.au/home.html>

The Sports Technology Hotlist contains links and documents describing systems and research

that apply computer technology and other advanced technologies to sports and the sports industry.

<http://www-white.media.mit.edu/~intille/sports-technology.html>

Rod Barrett

ISBS Board of Directors

The following people were elected to serve your interests on the ISBS Board of Directors. To those who will be stepping down from Office after the next elections, we thank you for your service and hope to still see you actively involved in the Society.

1998-2000

Barbara Gowitzke	Canada	(gowitzke@hwfn.on.ca)
Jackie Hudson	USA	(jackie_hudson@macgate.csuchio.edu)
Joao Abrantes	Portugal	(jabrantes@fmh.utl.pt)
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Further contact details for each Board member are listed on the ISBS home page.

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.

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ISBS 2000
XVIII International Symposium on Biomechanics in Sports
Second Call for Papers:

XVIII International Symposium of Biomechanics In Sports
June 25-30, 2000



On behalf of the International Society of Biomechanics in Sports, The Department of Sports Science and Physical Education, the Chinese University of Hong Kong, would like to invite you to participate in XVIII International Symposium of Biomechanics in Sports.

Scientific Program

Geoffrey Dyson Award

The Geoffrey Dyson Award is the most prestigious award presented by the ISBS. This year's laureate is Dr. Bruce Mason. Dr. Mason will deliver the Geoffrey Dyson Memorial Lecture.

Invited Lecturers in Plenary Sessions

- Biomechanics of injuries, orthopedics and rehabilitation in sports
Prof. Bruce Elliott, Australia
- Biomechanics of training and sports equipment
Prof. Peter Brüggemann, Germany
- Biomechanics of Youth Sports
Dr. Gene Brown, USA
- Modeling, simulation, optimization in sports biomechanics
Dr. Young-Hoo Kwon, USA
- Applied methods and instrumentation
Dr. Kostas Giannikelis, Spain
- Biomechanics of musculo-skeletal system,
Dr. Albert Gollhofer, Germany
- Pure and applied sports biomechanics
Dr. Shinji Sakurai, Japan

Invited Lectures for Applied Program

- Application of filming and motion analysis movement studies
Dr. Wei Xie, Singapore
- The biomechanics of power strokes
Dr. David B. Waddell & Dr. Barbara Gowitzke, Canada
- Application of biomechanical study in swimming
Dr. Ross Sanders, Australia
- Application of electromyography in movement studies
Dr. Mario Lamontagne, Canada
- Computer simulations to predict subject specific tissue loading
Dr. David Lloyd, Australia
- Cycling research and their application
Dr. Li Li, USA
- Fundamental skills of throwing
Dr. Roger Bartlett, UK
- Martial arts – Applied research in Tai Chi
Dr. Jingxian Li, China

Badminton Workshop

- Biomechanical principles applied to stroke production
Dr. David B. Waddell and Barbara Gowitzke, Canada

Paper Submission

Scientific papers are recommended for oral and poster presentation. Authors are invited to submit manuscripts to the ISBS 2000 Secretariat for review. The deadline of paper submission is February 15, 2000. There will be two types of papers accepted for review:

- 1) full length manuscripts of up to 4 pages, including a 10 line abstract, which will be published in the Conference Proceedings, and
- 2) "work in progress" which are to be submitted as a one page abstracts. These will be published in the Conference Proceedings as short reports.

Detailed guidelines for paper preparation can be obtained at the ISBS 2000 home page. All manuscripts are subject to review by the Scientific Committee.

New Investigator Award

The purpose of the New Investigator Award is to recognize new researchers and to encourage them to become productive members of the ISBS by expanding the knowledge base of sports biomechanics through research and dissemination of information. All members of the ISBS who have completed their final degree (masters or doctoral) within the past two years are eligible for consideration.

Registration Fees

Before May 1, 2000	After May 1, 2000
<i>ISBS members</i>	
HK\$ 2000	HK\$ 2400
<i>Non-ISBS members</i>	
HK\$ 2200	HK\$ 2600
<i>Student</i>	
HK\$ 1500	HK\$ 2000
<i>Accompanying person</i>	
HK\$ 1500	HK\$ 1500

Important Dates

Full Paper Submission	Feb 15 2000
Notification of Acceptance	Mar 20 2000
Early Registration	May 1 2000
Congress Dates	Jun 25-30, 2000

Social Program

A full program of social events has been arranged for delegates and partners. These include:

- Reception Dinner
- Night Cruise at the world famous Victoria Harbour
- City of Life Tour - Stanley Market, Bird Garden, Jade Market and Peak
- Closing Banquet

If you would like to receive the Second Announcement with detailed information on registration, conference schedule and program, travelling, accommodation, and pre- and post conference tours please contact the ISBS 2000 Secretariat by phone, fax or email.

For More Information

The E-mail account for ISBS 2000 is:

isbs2000@cuhk.edu.hk

The Home page account is:

<http://www.cuhk.edu.hk/spe/isbs2000/index.htm>

This can be accessed via the ISBS home page. Click on "Conferences".

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We are looking forward to seeing you in HONG KONG

Prof Youlian Hong
Chairman, XVIIIth International Symposium of Biomechanics in Sports
Prof. David Johns
Chairman, Department of Sports Science and Physical Education,
The Chinese University of Hong Kong

New ISBS Members

We again welcome new members to ISBS. We are delighted to have the following people join us from around the world! Welcome.

Elizabeth	Bradshaw	Australia
Xiaoyan	Wei	China
Giannis	Giakas	UK
Victor	Vargas	Venezuela
Michelle	Lee	USA
Douglas	McClymont	New Zealand
Michael	Bird	USA

Please make sure you are a member in good standing! See the Membership Application form at the end of the Newsletter.

\$ Membership Fees \$

Are your membership fees up to date? If not, your vote in the elections will not count! See the membership form at the end of this Newsletter for payment details.

*Spare space?
Why not advertise here? See page 7 of this Newsletter for details.*

ISBS Membership Application Form

If you do not have an Internet access use the form below to become a member of ISBS.
 Otherwise, please connect to the following internet address:
<http://www.uni-konstanz.de/FuF/SportWiss/ISBS/ISBSMemF.htm>
 (Also reachable via the ISBS home page)

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. The full ordinary membership fee is US\$ 20.— (EUR 20.00) and the student membership fee is US\$ 10.— (EUR 10.00). Please note that you are requested to pay either in US Dollars or in EUR (EURO, the new European currency). Please select your preferred method of payment on the following page.

Your membership data:

	Personal data:	Please complete or correct:
Title:		
First Name:		
Middle Name:		
Surname:		
E-mail:		
Tel.:		() () () (country code) (area code) (tel number)
Fax.:		() () () (country code) (area code) (fax number)
University/ Institution:		
Department:		
P.O. Box:		
Street:		
Number:		
Postal Code:		
City:		
Country:		
Membership Status		

Please return by mail to the following address:

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

Your payment action for the following years (please indicate

1999 US\$ 20 (students 10) or EUR 20.00 (students 10)

2000 US\$ 20 (students 10) or EUR 20.00 (students 10)

2001 US\$ 20 (students 10) or EUR 20.00 (students 10)

Sum US\$ _____ or EUR _____

I enclose a cheque/money order for US\$ _____ drawn on a US Bank and made payable to the **International Society of Biomechanics in Sports**.

OR

I enclose a **Euro-cheque** for EUR _____ made payable to the **International Society of Biomechanics in Sports**.

OR

Charge EUR _____ to my (please indicate

Visa MasterCard/EuroCard Diners Club International

Card Number:

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valid thru: ____/____

Cardholder: _____

Signature _____ Date _____



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