

# ISBS Newsletter

Fall 2005  
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## New President's Message

All of those who had the opportunity to attend the 23rd ISBS Symposium in Beijing are most likely still impressed by this great conference - great with respect to scientific presentations, culture and social events. At this point I cordially thank Prof. Dr. Qing Wang and his team for all their efforts in organizing and releasing the ISBS Symposium 2005, in Beijing. I want to express my thanks from the view as a participant, as the organizer of the symposium next year in Salzburg, and as the President of ISBS.

As a 'normal' participant I really liked and appreciated the warm atmosphere during the entire conference. The venue was well chosen and it was very convenient to have everything close together. The scientific program was on a high level and the social and cultural events will be kept in our minds for ever. From my perspectives as the organizer of the ISBS conference 2006, in Salzburg I enjoyed the great program you served and the outstanding organization of the Symposium. You continued the high level of ISBS conferences and you definitely challenged the organizers of the upcoming symposia. From the ISBS President's perspective, I appreciate that the ISBS conferences are well established now within the biomechanics community. The Symposium in Beijing was a significant step in this direction.

The success of ISBS conferences is closely connected with a good cooperation between the local organizers and the Society. The VP Conferences, Youlian Hong, made substantial contributions to the great success of the Beijing Conference. Thank you, Youlian! The scientific standard of the ISBS conferences is closely related to the contributions of the members of the Scientific Committee and their efforts in evaluating the submitted papers. Numerous board and executive members of ISBS were involved in this process. All your contributions are highly appreciated. Thank you! In this context the members of the Awards Committee deserve to be mentioned specifically. Organized and coordinated by the VP Awards at this time, Stuart Miller, the members of the Sub-Committee Awards (Duane Knudson, Youlian Hong, John

Blackwell and myself) evaluated the papers running for the New Investigator Award specifically and thoroughly. Eight papers were selected to be presented in a specific NIA contest session. All participants of this session were impressed by the fairly high level of the scientific work of our young colleagues and their presentations. Again, thanks to the Awards Committee members for their outstanding job prior to and during the Symposium. Under the leadership of the new Vice President Awards, Richard Smith, the Committee selected the winner of the 2005 ISBS NIA competition. Congratulations to Wolfgang Potthast from Cologne, Germany.

The Annual Symposia of ISBS are also the occasions to officially welcome new members, board members and executive officers. Let me renew my welcome messages to these people especially for those ISBS members who were not able to join us in Beijing. Welcome to ISBS, welcome on the board, welcome to the new function as VPs! Along with welcoming the new board members (Duane Knudson, Pam Russell, Mario Lamontagne, Wayne Marino, Drew Harrison, Uwe Kersting, Young-Tae Lim, Spiros Prassas, Bill Sands - congratulations, you all!) at the same time I want to express my thanks to all directors who have left the board for their contributions to the Society. Thank you all!

The main core of ISBS is certainly built by the Vice Presidents. Some of them were re-elected in the last voting (Youlian Hong and John Blackwell), however, some resigned from their positions and functions. Giannis Giakas served as the Treasurer for two years keeping the finances up to date. Stuart Miller served as VP Awards for four years dealing with the difficult task of organizing the selecting Geoffery Dyson lecturers, ISBS Life members, ISBS Fellows and the New Investigator Award winners at the Annual Symposia. Let me thank you all for your tremendous efforts, your time and your ideas for preceding the Society.

The latter two positions are now replaced by two

well-known ISBS officers. Manfred Vieten takes over again the finances of ISBS as the new Treasurer while Richard Smith will be responsible for the awards agenda in his new function as the VP Awards. Due to the resignation of the VP Public Relations, Eadric Bressel, the ISBS members elected Angus Burnett for this position at the AGM in Beijing till the next voting in spring 2006. Congratulations, welcome and good luck in your new position!

Last, but not least, the change of the presidency should be mentioned at this point. At the AGM in Beijing I took over this honorable position from the new Past President of ISBS, Bruce Elliott. Bruce's Presidency was characterized by some substantial developments and changes, although Bruce's actions seemed to be restricted due to the postponement of the Beijing conference in 2003. With his pragmatic way of thinking and acting Bruce brought fresh wind regarding the discussion and actions of the Society. The new constitution is just one of the visible signs of his plans to precede ISBS. Bruce, on behalf of ISBS I cordially thank you for all your efforts, your ideas and your visions for and with the Society. You moved the boat into a new, perspective direction. I will try to do my best to keep the boat moving.

During Bruce's Presidency two substantial improvements were installed: the new design of the ISBS website and the new concept of the ISBS newsletters. Both publications are served and supervised by the VP Publications, Young-Hoo Kwon. With tremendous efforts Young-Hoo raised both, the contents and the layout of the website and the newsletters to a very high level. Both media are the most important ways to publish and communicate the goals and the work of ISBS. Young-Hoo, thank you for your important and time-consuming contribution to the Society with respect to the publications.

Recently Volume 4 of the Journal 'Sports Biomechanics' was sent out to all ISBS members. This also was the first volume published on time and it seems that this positive development of the journal will continue. One of the most important measures to assess the quality of the Society will be the scientific quality and the practical applications articles published in the journal.

Roger Bartlett, currently the editor-in-chief of the journal, invests tremendous amount of time, efforts and ideas to permanently raise the quality of the journal. One of the next significant improvements will be the installation of an electronic version of the journal and the implementation of 'Sports Biomechanics' in the ISI citation index. Roger, we highly appreciate your contribution to the Society with respect to the journal. Thank you!

The Annual ISBS Symposia have established as one of the dominant events within the sport biomechanics community to exchange knowledge, scientific research and perspectives on the one hand and personal communication and social contact on the other. Recently we experienced a great conference in Beijing. The upcoming conference will take place in Salzburg, Austria. In Beijing also the host of the 25th ISBS Symposium 2007 was selected. Congratulations to Belo Horizonte, Brazil, and to the President of this Symposium, Dr. Hans-Joachim Menzel. We are looking forward to a great conference and the first ISBS Symposium in South America.

A new presidency is always connected with a new start into a new era and should be associated with reasonable perspectives and visions. The current team of ISBS officers is keen on developing and realizing new ideas to continue the Society. Without your efforts and your generous endeavour this process could and would not happen. My major goals for the next two years are the increase of membership, a new structure of the New Investigator Award and ISBS Fellowship, improvement of sponsorship, a new structure of the board and the creation of a new ISBS logo.

#### **Membership:**

The current number of members is far away from the potential of ISBS membership. Some concepts have been developed already together with the VP Public Relations, Angus Burnett, on this issue and the first steps have been launched already. One main aspect is to improve the communication with other local, national and international societies related to biomechanics and/or sport biomechanics. Another aspect is to use the infrastructure of the Annual Symposia to acquire new members. We must not forget, however, the substantial impact of

word-of-mouth advertising for the acquisition of new members. You, every single ISBS member and especially you, as executive and board member of the Society, should consider how you can approach and attract sport biomechanists to join our Society.

#### **New Investigator Award:**

The structure of selecting the New Investigator Award winners has substantially changed and improved for the symposium in Beijing. A total number of 24 papers were evaluated prior to the conference. 8 papers were then selected for further consideration and were presented in one single NIA-session. This format yielded to a direct comparison of both, the presentations and the presenters. This session was characterized by a very high standard with respect to scientific results and applications to sports. Personally I see significant improvements of this competition by awarding different prizes and optionally in different categories (e.g. oral and poster presentations). Awards in both, certificate and monetary form will further attract emerging sport biomechanists to submit papers, run for the competition and, finally, also join our Society. This is definitely an attractive and simple way to increase membership of ISBS. Considerations have already been made in this context. The Awards Committee under the leadership of the VP Awards, Richard Smith, will focus on this issue to establish this format for the Symposium in Salzburg 2006.

#### **Fellow ISBS (FISBS):**

Under the coordination of Youlian Hong, Duane Knudson and Richard Smith also a new format of ISBS fellows has been established. Regarding this issue the constitution has been adjusted and the guidelines have been appointed and ratified at the post conference meeting in Beijing.

#### **Sponsorship**

Discussions with sponsors and exhibitors at the Symposium in Beijing show a high potential and willingness of companies to financially support ISBS. The first steps in approaching companies with respect to this issue are very promising. Now we try to use this potential to improve the financial situation and flexibility of the Society. The additional income should be used to increase the attraction of the NIA, to support people from developing countries to attend the Annual Symposia, to improve the advertising of ISBS etc. The VP Public Relation, Angus Burnett, already came up with lots of ideas to work on this very important issue.

#### **Structure of the Board:**

The Past President, Bruce Elliott, already launched the discussion regarding the size and the structure of the board. Currently the structure of the executive officers and the directors is not effective with respect to the impended work. In a few weeks I will present a concept for discussion to link board members closer to specific tasks, to sub-committees and/or VPs. The number of board members has also to be considered regarding this issue.

#### **New ISBS Logo:**

Most officers agreed to the suggestion of establishing a new ISBS logo. This issue is considered thoroughly and the first drafts will be available for discussion soon.

Dear ISBS members, currently there is no lack on ideas and visions to proceed ISBS. These perspectives, however, also must be realized. This definitely is a team sport task. I cordially invite you all to work effectively on the project ISBS. I am looking forward to it.

Hermann Schwameder  
President of ISBS

## ISBS Symposium 2005, Beijing

#### **Post conference report**

The 23rd International Conference of Biomechanics in Sports (ISBS2005) was

successfully held on 22-28 in Beijing. The host Institution was China Society of Sports Biomechanics. The Conference Chairman was Dr. Qing Wang, the President of China Society of

Sport Biomechanics and the Vice Director of China Institute of Sport Science. This was the first time that The International Society of Biomechanics in Sports has its annual meeting in People's Republic of China, the country with ¼ of world populations.

### Academic activities

A total of 297 papers were submitted and, after the peer review, 241 papers were accepted for presentation at the conference. As shown in the following table, the papers were from 28 countries and regions:

<i>Country &amp; Region</i>	<i>Oral</i>	<i>Poster</i>	<i>Total</i>
China	6	41	58
Australia	8	1	9
Canada	3	2	5
Germany	11	3	16
Hong Kong	5	8	13
Ireland	3	1	4
Taiwan	12	26	38
Japan	5	8	13
Korea	2	10	12
USA	15	11	26
UK	13	3	16
Spain	2	2	4
Portugal	1	2	3
New Zealand	5	1	6
Poland	1	3	4
Other Countries*	15	13	28
Sum			255

\*Other countries: Austria, Belgium, Czech, Egypt, Iran, Italy, Jordan, Malaysia, Mexico, Russia, Singapore, Slovenia, Sweden

Among the 297 papers, 27 were submitted for application for New Investigator Award. After the competition, Dr. Wolfgang Potthast from German Sports University was selected for NIA.

The Scientific Program provided one Geoffrey Dyson Memorial Lecture and nine keynote and applied lectures.

Geoffrey Dyson Memorial Lecture:  
Future Trends in Sports Biomechanics, Dr. Roger Bartlett (New Zealand)

Keynote Speakers:

Adaptive responses of neuromuscular system to training, Dr. Albert Gollhofer  
Biological and biomechanical limits in artistic gymnastics, Dr. Peter Brueggemann  
Using Coordination Measures for Movement Analysis, Dr. Joeseph Hamill  
How we applied sport biomechanics to the preparations for the Olympic Games, Dr. Qing Wang  
What can we learn from in vivo biomechanical investigations, Dr. Mario Lamontague  
Biomechanics of Oriental Martial art-Tai Chi, Dr. Youlian Hong  
Biomechanics for special population, Dr. Shinji Sakurai  
Vibration training in rehabilitation, Dr. Dietmar Schmidtbleicher  
Biomechanical analysis in swimming technique, Dr. Bruce Mason

The conference included keynote speeches, oral presentations and poster presentations.

### Accommodation and Transportation

The conference venue was the Beijing Capital Hotel which was also the place where the most gale gates accommodated. The negotiated cost for double room was US\$70 per night. In general, the hotel provided excellent service to both accommodation and meetings.

The conference also provided free floor transportation from and to Beijing International Airport.

### Registration Fees

<i>Type</i>	<i>Before July 1, 2005 *</i>	<i>After July 1, 2005</i>
ISBS Members	275 US\$	325 US\$
Non-ISBS Members	325 US\$	375 US\$
Students (Full-Time)	225 US\$	275 US\$
Accompanying Persons	225 US\$	275 US\$

Registration fees covered:

- Beijing International Airport courtesy pickup and drop off

- Admission to all basic research sessions, applied sessions and exhibitions
- Scientific Proceedings
- Satchel
- Opening banquet and farewell party
- Coffee breaks, lunch and dinner
- Tour to Tiananmen Square and the Forbidden City
- Tour to the Longqing Gorge and the Great Wall including dinner at the lightened Great Wall
- Beijing Opera

### Social activities

The social program provided by the conference was excellent and unforgettable. The program included the Great Wall tour, dinner at the lightened Great Wall, cruise in Longqing Gorge, visit of Forbidden City and Tiananmen Square, and Beijing Opera shows, etc. All these activities were free for delegates.

### Sponsorship

The conference was proudly sponsored by a wide range of companies including:

- Fitness & health trade co., Ltd. (Major Sponsor)
- Kistler China Limited
- Beijing Pukang Sport & Medical Co., Ltd.
- RSscan International
- Human Movement Lab of Ningbo University
- Deltason Medical Ltd.
- ITO Co
- BTS Socofar
- Vicon Peak
- Shanghai D-L Enterprise Development Co., Ltd.
- shenzhen hanix united, inc.
- Beijing Senmiaoxin Science & Technology Development Co., Ltd.
- VISOL, Inc.
- Motion Analysis Corporation
- Beijing Health East Technology & Development Co., Ltd.
- Qualysis medical ab
- Novelgmbh
- SIMI Reality Motion Systems GmbH
- Motion Lab Systems, Inc.
- Advanced Mechanical Technology, Inc.
- beijing sanjack company

- Peiport Scientific Ltd.
- Charnwood Dynamics Ltd.
- Tekscan, Inc.
- Beijing Competitor Weichuang Sports Technology Development Co., Ltd.

All these companies have potential to support the consequent ISBS conferences.

Dr. Youlian Hong, VP for Conference and Meetings

### Impressions of the ISBS 2005, Beijing

#### The Great Wall

‘Truly one of the wonders of the world’  
After three full days of hectic conferencing delegates headed off at 6.30 am on a tour of a lifetime. A stopover at the Longqing Gorge was an extremely pleasant change from the hustle and bustle of downtown Beijing. A walk through the mouth of a ‘dragon’ took us to a boat trip which journeyed through a series of gorges. An invigorating ride through spectacular scenery provided numerous photographic opportunities, as did a group of high wire artists performing about 50 meters above the water.



(View of the the Great Wall by Day)

Then to The Great Wall - it gave new meaning to Pink Floyd's rendition of that famous album!!! It is certainly difficult to express in mere words its splendor and any pain felt in the legs during the climb was quickly forgotten by the awe inspiring views in every direction. It was easy to imagine historical battles that had ravaged this area over many centuries. While we climbed for about 2 hours we made only a minor dent in the section of

The Wall that lay ahead of us. Seldom is one able to be part of one of the remaining wonders of the world.



(The Night View of the Great Wall)

A fine dinner at the base of The Wall was followed by a Chinese cultural singing and dancing program that was most professional and entertaining. We were also fortunate in that The Wall was illuminated which again provided further photographic opportunities and a chance to again test the energy reserves in the legs - walking along the Wall at night.

A day that will remain in my memory forever! Thank you ISBS and Professor Qing Wang for enabling this unique opportunity.

Bruce Elliott  
Past President

### **The Forbidden City**

Participants spent a morning in the Forbidden City (also called the Palace Museum) on the last day of the Symposium. By foot, this well-known attraction was about 25 minutes from the

conference hotel. We were guided and walked through part of the Tiananmen Square and entered the south gate of the City. The City has a history of nearly 600 years and occupies a rectangular area of more than 720,000 square meters (about 100 soccer fields in size). There are many halls, palaces, courts, and gardens inside the City. However, most of us spent our time in the central section of the City between the north and south gates. We visited halls and palaces where emperors lived, handled day-to-day work, and held different ceremonies. I think we all were impressed by the architecture of different buildings and cultural heritage of the City.

John Chow  
University of Florida

### **"Property Deals with Finnish Style"**

(Picture from Gary Scheirman)



On his break, Aki called to an estate agent from the Great Wall and bought an investment flat in Finland. Next day he bargained hard on the Silk Street and got a "North Face Gore-Tex jacket" down to a total price of 10 euros,

30 Yuan, and 1 US dollar!"

Aki Salo  
University of Bath

## Upcoming ISBS Symposia

### **ISBS 2006**



Date: July, 14-18, 2006  
Place: Salzburg, Austria

Host:

University of Salzburg  
Department Sport Science & Kinesiology  
Rifer Schlossallee 49  
5400 Hallein, Austria

Conference Chairman:

Dr. Hermann Schwameder  
Department Sport Science and Kinesiology

University of Salzburg  
 Akademiestr. 26  
 5020 Salzburg, Austria  
 Tel: +43-662-8044-4884  
 Fax: +43-662-6389-4884  
 Email: [hermann.schwameder@sbg.ac.at](mailto:hermann.schwameder@sbg.ac.at)

Topics:

- Biomechanics in elite sport
- Biomechanics of training and performance diagnostics
- Biomechanics in leisure sport
- Biomechanics in sport physiotherapy and rehabilitation
- Biomechanics in physical education
- Biomechanics in children and elderly
- Methodology of sport biomechanics
- Modeling and computer simulation

Program:

- Keynote Lectures
- Applied Program and Invited Symposia:
  - Biomechanics of alpine skiing
  - Biomechanics of Nordic skiing
  - Biomechanics in tennis
  - Biomechanics in running and running shoes
  - Variability in human movement
- Oral Presentations
- Poster Presentations

Venue:

University of Salzburg  
 Faculty of Natural Science  
 Hellbrunner Allee 34  
 5020 Salzburg

Registration:

Online registration via website (available November 2005)

Registration fees:

	<i>Before May 15</i>	<i>After May 15</i>
ISBS Members	€300	€350
Non-Members	€400	€450
Student Members	€200	€250
Student Non-Members	€260	€310

Paper submission: Online paper submission via website (available November 2005)

Accommodation: Hotels of different categories are available in Salzburg. Special arrangements and recommendations are under consideration. Please visit the website for further information.

Social Program:

- Opening ceremony with welcome reception
- Special Mozart concert
- Visit of a salt mine
- Austrian evening
- Closing banquet

Important Dates:

- Deadline for paper submission - February 1, 2006
- Notification to authors - May 1, 2006
- Deadline for early registration - May 15, 2006
- Deadline for registration - June 15, 2006
- Opening of the Congress - July 14, 2006
- End of the Congress - July 18, 2006

Email: [isbs2006@sbg.ac.at](mailto:isbs2006@sbg.ac.at)

Website: [www.isbs2006.at](http://www.isbs2006.at)

## **ISBS2007**

During the ISBS2005 in Beijing, Executive and Board Committee of International Society of Biomechanics in Sports has selected the proposal submitted by Dr. Hans-Joachim Menzel, School of Physical Education, Physiotherapy and Occupational Therapy, Federal University of Minas Gerais (UFMG), Brazil, for the host of the 25<sup>th</sup> International Symposium on Biomechanics in Sports. The brief information of the conference is as follows:

Date: September 3-7, 2007

Place: Federal University of Ouro Preto, Ouro Preto

Conference Chairman:

Dear Dr. Hans-Joachim Menzel  
 School of Physical Education, Physiotherapy and Occupational Therapy  
 Federal University of Minas Gerais (UFMG)  
 Avenida Presidente Antônio Carlos, 6627  
 31.270-901 Belo Horizonte – MG  
 Brazil

Tel: +55-31-3499 2327

Fax: +55-31-3499 2325

Email: [menzel@ufmg.br](mailto:menzel@ufmg.br)

## Officers' Reports

### VP Public Relations' Report

This is my first opportunity to introduce myself via the written word as the Vice President (Public Relations) of the ISBS. I would like to thank those who felt that I would be a suitable replacement for this position at the Beijing ISBS conference. I look forward to the upcoming year to serve the society. My main focus over the next year will be to increase the exposure of the ISBS to the broader Biomechanics community, other international Sports Biomechanics societies and other Exercise and Sports Science related organizations.

I have attended every ISBS conference since 1999 and with the upcoming ISBS conferences in Salzburg, Austria (2006) and Belo Horizonte, (2007), I intend going to them in the near future as well! What better places to visit, present your Sports Biomechanics research and socialize with like-minded individuals. At every conference I have been to, I have been very fortunate to meet people from all corners of the globe who have a passion for our discipline (and sneak in some sight seeing with the socializing – who could forget the dinner in Beijing with the Great Wall in the background? I am still telling my friends and colleagues about that night).

I would like to emphasize that the ISBS is an international society consequently, we should be encouraging the participation of any interested person regardless of whether English is their primary language or not. We must continue to encourage those individuals to contribute to our journal Sports Biomechanics, attend our conferences and build our networks. There were some fantastic presentations at the Beijing conference from individuals from the Asian continent. Whilst initially there might be some communication difficulties, once you get talking about their work it is amazing how much you really have in common and how much easier communication becomes.

At the Beijing conference I watched one particular presentation where a young researcher from an Asian country had clearly spent a lot of time preparing a scripted talk to try and get through 10 minutes of quite fluent English only to find some difficulty at question time. It made me really think that it must be so difficult to understand a question asked in a foreign language and to reply with confidence. If you don't believe me - did you try and ask for directions in Beijing on the street? – it was extremely difficult but with persistence you got the right answer in the end. I really admire those who attend our conferences from non-English speaking countries. We as the Sports Biomechanics community should be helping out as much as possible as I believe the Asian Sports Biomechanics community has much to offer.

By now you must be starting to see the theme of my column. No prizes for those who have guessed – It is about building links with Asian Sports Biomechanists. To start this process I have contacted various Asian societies about what we can share with each other. Take some time to have a look through the following information and there might be something, or someone, that interests you. By getting in touch with these societies you may expand your own personal, or alternatively, another society's network. Please ensure that you respect their willingness to advertise in this newsletter by sending the contact people with relevant items only.

Prior to presenting this information I should say that if you are representing a society that would like similar exposure, please write to me and tell me about your society. It is a lot easier to write a column when others give you some material. You never know where it might lead!

Thank you, xie xie, arigato, mgoi and komapsumnida

Angus Burnett

VP Public Relations  
[a.burnett@curtin.edu.au](mailto:a.burnett@curtin.edu.au)

### **Korean Society of Sports Biomechanics**

Contact person: Dr Young-Tae Lim

Email: [ytlim@kku.ac.kr](mailto:ytlim@kku.ac.kr)

Membership Statistics: Approximately 320 (200 active).

Recent & Upcoming Events:

- The 86th National Sports Festival-National conference of Korean Alliance of HPERD: 12-13 October, Ulsan, Korea.
- 2005 Fall conference of Korean Society of Sports Biomechanics: November, Busan, Korea.

Note: to assist with any promotional material – Dr Lim is happy to translate important parts of any document into Korean in addition to dispersing the original document.

### **China Society of Sport Biomechanics**

Contact Person: Dr Weiya Hao

E-mail: [haowy@tsinghua.edu.cn](mailto:haowy@tsinghua.edu.cn)

Membership Statistics: Approximately 150

Recent & Upcoming Events:

- Annual Meeting of the China Society of Sport Biomechanics, Chengdu, October, 2005

### **Taiwanese Society of Biomechanics in Sports**

Contact Persons and Email Addresses:

- President: Tzyy- Yung Shiang ([tyshiang@tpec.edu.tw](mailto:tyshiang@tpec.edu.tw))
- Secretary general: Wei-Hua Ho ([afa@tpec.edu.tw](mailto:afa@tpec.edu.tw))
- Taiwanese Society of Biomechanics in Sports ([tsbs@tpec.edu.tw](mailto:tsbs@tpec.edu.tw))

Membership Statistics: Approximately 150 members

Recent & Upcoming Events:

- The 2nd Asian Pacific Conference On Biomechanics Taipei, Taiwan, 2005, 23rd Nov. to 25th Nov. This conference acts as a forum for active scientists and engineers as well as young researchers from Asian Pacific countries to present their latest research, ideas, development and applications in the field of biomechanics. It is expected to be

an Asian Pacific core forum for biomechanists, promoting the collaboration of biomechanics societies/communities in this region. Detailed information can be found at <http://www.apb2005.org.tw/>.

Note: Translation services for ISBS are available.

### **Japanese Society of Biomechanics**

Contact Persons and Email Addresses:

- Dr. Shinji Sakurai ([ssakurai@sass.chukyo-u.ac.jp](mailto:ssakurai@sass.chukyo-u.ac.jp))
- Dr. Senshi Fukashiro ([fukashiro@idaten.c.u-tokyo.ac.jp](mailto:fukashiro@idaten.c.u-tokyo.ac.jp))

Membership Statistics: Approximately 1000 members

Recent & Upcoming Events: JSB has a biannual (domestic) conference and this means that JSB members have International (odd year) and National (even year) conferences in alternate years. The 19th Conference of the Japanese Society of Biomechanics will be held mid-September 2006 at Waseda University with Professor Fukunaga as a Chairman and Dr. Kawakami as a Secretary General. At this stage JSB has no International event relating to their society.

Translation Services and the Japanese Journal of Biomechanics in Sports and Exercise: Translation services are available as long as the item is in English. They also publish four issues of "Japanese Journal of Biomechanics in Sports and Exercise (JJBSE)" in a year. The editors are Dr Fukashiro and Dr Sakurai. If they feel that an article is appropriate for publication in the journal they are happy to publish it. The language used in the journal is Japanese (85%) and English (15%). The article may be translated to Japanese depending upon content.

### **VP Projects and Research's Report**

Editor's note: VP Projects and Research's report presented during the AGM in Beijing is attached separately to this issue. Download the report.

### **Treasure's Report**

International Society of Biomechanics in Sports  
Statement of income and expenses, 2004-  
2005(July 20, 2005)

The Society has two accounts. One is a Euro account and the other is a US Dollar account. In order to make things simpler everything will be

presented in Euro currency. (1 Euro = 1.20 USD)  
General

The finances of the society are nearly the same as of last year.

### Expenses

<i>Date</i>	<i>Who</i>	<i>Amount</i>	<i>Reason</i>
15/10/2004	SB Editor	€1,805	Editorial expenses
27/10/2004	Stuart Miller	€470	2004 awards
17/3/2005	Edin. U Press	€4,355	Payment for Sports Biomechanics
17/3/2005	Edin. U Press	€36	Expenses payment for Sports Biomechanics
15/6/2005	Travel Agent	€1,446	Travelling of Roger Bartlett (NZ to China)
20/7/2005	Edin. U Press	€2,850	payment for Sports Biomechanics
20/7/2005	Edin. U Press	€18	Expenses payment for Sports Biomechanics
		€195	German bank expenses – card – Jaina Vieten, etc
<b>Total</b>		<b>€1,175</b>	

### Income (up to 14/6/2005)

The income this year was decreased because of the reasons presented above.

- Membership Fees: €12,226
- Total: €12,226

### Net Income

Because of the above this year we had a small increase of profit by approximately €1,051.

- Income: €12,226
- Expenses: €11,175
- Total: €1,051

### Bank Accounts

As a result our bank accounts are healthy. The USD account has the same money as before.

	<i>2004</i>	<i>2005</i>
Euro Account	€19,547	€20,598
US Account	\$4,002	\$4,002
(€)	(€3,335)	(€3,335)
<b>Balance</b>	<b>€2,882</b>	<b>€2,933</b>

### Membership

We had a significant decrease of membership:

	<i>2003</i>	<i>2004</i>	<i>2005</i>
Fellows and Life Members	9	9	10

Full Members in Good Standing	192	180	167
Student Members in Good Standing	52	50	27
<b>Total</b>	<b>253</b>	<b>239</b>	<b>204</b>

Submitted by Giannis Giakas, Treasurer

Audited by Antigoni Sdrolia

The Audit took place at Karditsa, August 1, 2005.

### Recommendations

I have completed 4 years as the Treasurer of the Society taking over from Manfred Vieten. I am very glad that Manfred decided to help the society back and taking the post over from me.

The post of Treasury is not a simple one, at least not as simple as I thought to be. Many problems did not allow me to expand my plans to organize membership and payments the way I planned to. The biggest and fundamental problem was actually to create a bank account for the society. This could not be done because ISBS was not founded in Greece, and therefore, there was a lot of paperwork, which coupled with the fact that it would last just for a few years it was not worth the cost. On the other hand, Manfred Vieten already had an account and card, he developed a system for solving these issues, and he was the backbone of the job.

Because of the above I would like to suggest to the society to make a change in its constitution. Treasury needs consistency. I can not imagine anyone else to try to do what I did from the beginning. It might be a good idea next time to investigate whether it is possible to create a “society” account in other countries if the treasury post is to be transferred. I suggest that the Treasurer’s post is for a longer time (similarly to ISB). I also suggest the society to invest and develop a simple web based login system for its members, to make their life and treasurer’s life easier.

Moreover, minimize the cost of the society for invited speakers + student awards. These expenses could be covered by the conference organizers when the number of conference participants is relatively high. The society could cover in part these costs when the numbers are low.

As you know I also coordinate the Email lists of the society. I already asked the university if it is possible for someone outside the university to monitor the lists, but I received a negative response. Therefore I will continue to monitor the ISBS and ISBS-EX lists for ISBS for as long as the society would like to (no trouble for me).

I would like to thank all ISBS executive members for their kind cooperation and wish them good luck.

Warm regards,

Giannis (Yannis) Giakas  
ISBS Treasurer 2001-2005  
University of Thessaly  
Greece

## “Sports Biomechanics”

### Editor’s Report

The January 2006 issue should be the second one of Sports Biomechanics to appear on schedule. That will put us well on line for consideration for inclusion in the ISI Citation Statistics at the end of 2006. I thank our contributors, reviewers, editorial board members and Ann Larsson at the publishers for helping us move forwards on this.

It is now time to reflect on the recent ISBS Symposium in Beijing, a fantastic event in every way, for which the organizers deserve great credit. I was very impressed with the quality of the science in most of the presentations, including those presenting in a language very foreign to them. I was envious of their efforts, although I felt embarrassed that Chinese scientists had to present in English at an event in their own country. It was clear at the Symposium that the world centre of sports biomechanics is now clearly located in China, Japan and Korea, something that ISBS and this journal need to address, as we really must reach that audience. Perhaps, for example, we could have the abstracts of each issue of Sports Biomechanics translated into those three languages and posted on the ISBS website. I

would welcome feedback on this.

A point worth noting, in the context of the ISBS Symposium, is that this journal will accept for publication papers based on research presented in Beijing. The main proviso is that the submitted paper must contain results and points of interpretation additional to those included in the Symposium Proceedings. Any presenters in doubt about the suitability of such a paper should contact me before formal submission.

This issue contains the first of a series of invited review papers by members of the Executive Advisory Board, this one by Young-Hoo Kwon (co-authored with Jeff Casebolt). More are planned over forthcoming issues. In addition, this issue includes six original research papers. There is one on athletics (the long jump), one on cricket (batting), one on cross-country skiing, one on field hockey, one on gymnastics, and one on kayak. There is also one paper in the ‘New Methods and Theoretical Perspectives’ section, on functional data analysis, using the example of the vertical jump. The countries of residence of the lead authors are Australia, with three out of eight papers, the USA with two, and Austria, the

Republic of Ireland, and South Africa with one each, a fairly good geographical spread.

Roger Bartlett  
School of Physical Education

University of Otago  
PO Box 56  
Dunedin  
New Zealand

## Change of Address

### **Dr Angus Burnett**

Research Fellow  
School of Physiotherapy  
Curtin University of Technology  
Perth, Western Australia  
Australia  
+61 8 9266 3662 (W)  
+61 8 9266 2699 (Fax)  
[a.burnett@curtin.edu.au](mailto:a.burnett@curtin.edu.au)

### **Nick Caplan**

School of Psychology and Sports Science  
Wynne Jones Centre  
Ellison Place  
University of Northumbria  
Newcastle-upon-Tyne  
NE1 8ST

## New Members

ISBS welcomes the following new members who joined the Society since the last list was published:

### **Moon Seok Kwon**

Sungkyunkwan University, Korea  
[km2565@hotmail.com](mailto:km2565@hotmail.com)

### **Dr. Kuan Zhang**

Columbia University, United States  
[kuanzhang@yahoo.com](mailto:kuanzhang@yahoo.com)

### **Dr. Seong-Hyoo Shin**

Sungkyunkwan University, Korea

[shshin4702@yahoo.co.kr](mailto:shshin4702@yahoo.co.kr)

### **Professor Gyerae Tack**

Konkuk University, Korea  
[grtack@kku.ac.kr](mailto:grtack@kku.ac.kr)

### **Tsutomu Jinji**

Chukyo University, Japan  
[jintsuto@cnc.chukyo-u.ac.jp](mailto:jintsuto@cnc.chukyo-u.ac.jp)

### **Masanobu Homma**

Kobe University, Japan  
[homma@maritime.kobe-u.ac.jp](mailto:homma@maritime.kobe-u.ac.jp)

## Upcoming Conferences

Submitted by Gay Christopher, Texas Woman's University. Send email to [garyalan59@mstar.net](mailto:garyalan59@mstar.net) to update the conference list.

### ♣ **12<sup>th</sup> International Conference on Biomedical Engineering**

Dec 7-10, 2005, Singapore  
IEEE Engineering in Medicine and Biology Society  
<http://www.icbme.org/>

### ♣ **American College of Sports Medicine, 53<sup>rd</sup> Annual Meeting**

Jun 1-3, 2006; Denver, USA  
American College of Sports Medicine  
[www.acsm.org](http://www.acsm.org)

### ♣ **9<sup>th</sup> International Symposium on the 3-D Analysis of Human Movement**

Jul 4-5, 2006; Valenciennes, France

<http://www.univ-valenciennes.fr/congres/3D2006/>

♣ **6<sup>th</sup> Conference on Engineering of Sport**

Jul 11-16, 2006; Munich, Germany

<http://www.sportkreativwerkstatt.de/isea2006/>

♣ **XXIV<sup>th</sup> International Symposium of Biomechanics in Sports**

Jul 14-18, 2006; Salzburg, Austria

University of Salzburg

<http://www.isbs2006.at/papers/main.htm>

♣ **5<sup>th</sup> World Congress of Biomechanics**

Jul 29-Aug 4, 2006; Munich, Germany

Technical University of Munich and Munich

University of Applied Sciences

<http://www.wcb2006.org/>

♣ **Canadian Society of Biomechanics Meeting**

Aug 16-19, 2006; Waterloo, Canada

University of Waterloo

<http://www.csb2006.uwaterloo.ca/>

♣ **2006 World Congress on Medical Physics and Biomedical Engineering**

Aug 27-Sept 1, 2006; Seoul, Korea

<http://www.wc2006-seoul.org/>

♣ **3rd International Ankle Symposium**

Sept 1-3, 2006; Dublin, Ireland

Email [anklesymposium3@ucd.ie](mailto:anklesymposium3@ucd.ie)

### ISBS Officers (2005-2006)

- President: Hermann Schwameder, University of Salzburg, Austria  
([hermann.schwameder@sbg.ac.at](mailto:hermann.schwameder@sbg.ac.at))
- Past President: Bruce Elliott, University of Western Australia, Australia  
([belliot@cylkene.uwa.edu.au](mailto:belliot@cylkene.uwa.edu.au))
- VP Awards: Richard Smith, University of Sidney, Australia ([R.Smith@fhs.usyd.edu.au](mailto:R.Smith@fhs.usyd.edu.au))
- VP Conferences and Meetings: Youlian Hong, Chinese University of Hong Kong, Hong Kong ([youlianhong@cuhk.edu.hk](mailto:youlianhong@cuhk.edu.hk))
- VP Publications: Young-Hoo Kwon, Texas Woman's University, USA  
([ykwon@mail.twu.edu](mailto:ykwon@mail.twu.edu))
- VP Public Relations, Angus Burnett, Curtin University of Technology, Australia  
([a.burnett@curtin.edu.au](mailto:a.burnett@curtin.edu.au))
- VP Projects and Research: Ross Sanders, University of Edinburgh, United Kingdom  
([r.sanders@ed.ac.uk](mailto:r.sanders@ed.ac.uk))
- Secretary General: John Blackwell, University of San Francisco, USA  
([Blackwell@usfca.edu](mailto:Blackwell@usfca.edu))
- Treasurer: Manfred Vieten, University of Constanz, Germany ([manfred.vieten@uni-konstanz.de](mailto:manfred.vieten@uni-konstanz.de))

### ISBS Board of Directors

**2004-2006:**

- John Chow, University of Florida, USA
- Hans Gros, University of Stuttgart, Germany
- Richard Hinricks, Arizona State University
- Patria Hume, Auckland University of Technology, New Zealand
- Laurie Malone, Lakeshore Foundation, USA
- Guillermo Noffal, California State University, Fullerton, USA
- Karen Roemer, Chemnitz University of Technology, Germany
- Lothar Thorwesten, Westfälische Wilhelms University, Germany
- Peter Vint, Research Integrations, Inc., USA

- Mark Walsh, Miami University-Ohio, USA

**2005-2007:**

- Duane Knudson, California State University, Chico, USA
- Pam Russell
- Mario Lamontagne, University of Ottawa, Canada
- Wayne Marino, University of Windsor, Canada
- Andrew Harrison
- Uwe Kersting, University of Auckland, New Zealand
- Young-Tae Lim, Konkuk University, Korea

- Spiros Prassas, California State University-Hayward, USA
- Bill Sands

- Richard Smith, University of Sidney, Australia

## Editor's Corner

This Fall-2005 Issue has been delayed mainly due to my frequent international trips in late October and November. I sincerely apologize for that. At the same time, I'd like to thank those who have contributed to this issue. Special thanks go to the newly established Editorial Team: Gary Christopher and Tobin Silver. Both are doctoral students at Texas Woman's University.

The Winter-2005 Issue will have to come out early January and I need your contributions.

### **NL Volume 21 No. 4:**

The deadline for the Winter-2005 Issue is December 31, 2005. Please submit the NL materials to:

Young-Hoo Kwon, Ph.D.  
Biomechanics Laboratory  
Texas Woman's University  
P.O. Box 425647  
Denton, TX 76204-5647 USA

Phone: +1-940-898-2598  
Fax: +1-940-898-2581  
Email: [ykwon@mail.twu.edu](mailto:ykwon@mail.twu.edu)

The Winter-2005 issue will be dedicated to research (laboratories & projects) and graduate programs. Photos of the laboratories and facilities are welcome.

Any suggestions regarding the Newsletter are welcome, too. Those who would like to serve on the Newsletter Editorial Committee please let me know.

With regards,

Young-Hoo Kwon, Editor

### **Editorial Team:**

Gary Christopher, Doctoral Candidate, TWU  
Tobin Silver, Doctoral Student, TWU