

ISBS Newsletter

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Table of Contents:

President's Message: Hermann Schwameder	2
Hans Gros	3
ISBS Election 2006.....	7
Positions to Be Filled in 2006.....	7
Nominees	7
Profiles	7
Officers' Reports	11
VP of Public Relations: Angus Burnett.....	11
VP of Publications: Young-Hoo Kwon	12
Upcoming ISBS Symposia	13
ISBS 2006	13
New Members	14
Upcoming Conferences.....	18
Job Announcement.....	19
Revised ISBS Officer List (2005-2006).....	19
Editor's Corner: Young-Hoo Kwon	20

President's Message: Hermann Schwameder



Some new and effective initiatives for and within the Society have been launched during the past few months and we all hope for fruitful developments.

Shortly after the ISBS conference 2005 in Beijing the Secretary General, John Blackwell, informed the Board and the Executive Council that he would not be able to fulfill future responsibilities as Secretary General of ISBS any more as he would resign from his current position at the University of San Francisco in May this year. I am pleased to announce that the Executive Council of



Drew
Harrison

ISBS unanimously appointed Drew Harrison, University of Limerick, Ireland, as the new Secretary General of ISBS in January 2006 based on the regulations of the current ISBS constitution. Congratulations to Drew and thanks for his disposition to serve in one of the

most time consuming and responsible positions within the Society. Drew's term will end at the AGM 2007. At this point I want to thank John Blackwell for all his efforts and contributions to the Society and wish him good luck for his new tasks.

In the last President's message I characterized the major goals for my term as the President of ISBS: (1) increase of ISBS membership, (2) new structure of the New Investigator Award, (3) implementation of the new ISBS Fellowship system, (4) enforcement of sponsorship, (5) new structure of the board, (6) implementation of a new ISBS logo. Let me briefly report on the current status of these issues.

Membership

The new initiatives and the upcoming conference obviously attracted many sport biomechanists to join ISBS. Currently, ISBS counts about 250 members in good standing. This is an increase of more than 70 within the past 6 months, however, the number is still far away from the potential of ISBS membership. We can expect about 50 more

members with respect to the next ISBS conference, so we might end up with about 300 members by the end of 2006. We are about to enforce the communication with other local, national and international societies related to biomechanics and/or sport biomechanics. Another aspect to increase membership is the substantial potential of word-of-mouth advertising for the acquisition of new members. Again, I want to motivate every single ISBS member and specifically the executive and board members of the Society to approach and attract sport biomechanists to join our Society.

New Investigator Award

Together with the VP Awards, Richard Smith, and the local organizers of the 2006 Symposium an attractive structure of selecting the New Investigator Award winners will be established based on the system used the first time at the conference in Beijing last year. Due to the new sponsor options (see below) it will be possible to award the NIA winners also monetarily (1000 Euro in the category 'oral presentation' and 500 Euro in the category 'poster presentation'). This system might be the main reason for the very high number of 49 applications for the 2006 NIA. This is definitively an attractive and simple way also to increase the membership of ISBS. Further improvements will be intensively discussed after the Symposium in Salzburg.

Fellow ISBS (FISBS)

The new format of ISBS fellows has been established. The constitution has been adjusted regarding this issue and the guidelines have been appointed.

Sponsorship

The idea of an ISBS pool sponsorship seems to be an attractive and fruitful approach. Under the leadership of the VP Public Relation, Angus Burnett, three different categories of ISBS sponsorship have been established. The first contracts are about to be signed. This gives the Society the opportunity to increase the attraction of the NIA, to support people from developing countries to attend the Annual Symposia and to

improve the advertising of ISBS in general.

Structure of the Board

Previously I have announced to present a new structure of the ISBS board. I have to admit that I am delayed on realizing these ideas. It is reasonable to present the proposed structure to the new board to be elected in May 2006.

New ISBS Logo

As announced previously most executive and board officers agreed to establish a new ISBS logo. The new logo has already been distributed to all ISBS members a few weeks ago. The first reactions on replacing the old logo by the new one were mainly positive. To put the optional replacement on a solid basis all members in good standing are invited to vote on this issue till May

12, 2006. The Secretary General, Drew Harrison, already announced the voting process.

Together with the voting on the logo also the new constitution is ready to get established by the voting of the ISBS members in good standing. The new constitution has already been distributed to all members recently. Please take the opportunity as ISBS member to personally vote on these two issues.

Dear ISBS members, from my perspective the ISBS initiatives are proceeding quite well. Please help with your ideas, considerations and efforts to keep the ball rolling

Hans Gros



Hans Gros

Dr. Hans Gros, former ISBS president, passed away on April 27, 2006. Hans served for the Society in various capacities including president and VP Publications, and is a charter member of the ISBS. He was one of the workhorses for the launching of the Sports Biomechanics journal. He has been a life member since 2001.

I first met Hans in Perth in 1999. It was indeed my first ISBS Annual Symposium which still gives me a lot of pleasant memories: the Symposium itself, all the social events, the beautiful Sorrento Bay area, the clean city of Perth, etc. Of course the best of all these is my meeting with Hans.

Hans was serving as the president at that time and delivered a keynote speech at the Symposium in the area of Sports Engineering. I introduced myself to him and since then he has been my mentor. Shortly after, he appointed me as a member of the Publications Committee and later masterminded a conspiracy which eventually made me the VP of Publications. I succeeded him as the VP of Publications in 2002 and am finishing up my second term.

The last time I spoke with him was when he wrote a letter as an external reviewer for my tenure evaluation. I really wanted to thank him in person at Salzburg but he is not with us any more. He will be always remembered in my prayer. Hans, rest in peace!

There were some communications on the isbs-members list and here is a compilation of what people have said about Hans. I will also put together a photo gallery for Hans in the next Newsletter.

Young-Hoo Kwon, Editor

My husband, David Waddell, and I, Barbara Gowitzke, are distraught to learn of Hans Gros' passing. He has been ill for a long time, but we always hoped that he would be able to surmount this obstacle yet again.

Hans Gros was not only a founding member -- he was the man who brought the ISBS into the 'modern age' especially with his initial work in placing all documents on the internet. It used to boggle my mind to realize how much work he had to do to make all of the ISBS information "jump

onto the web". This included posting the ISBS Constitution and By-Laws, which my husband had written for ISBS after years of consultation with Board Members. Always with a sense of humour, a clever wit, but a real sense of purpose, he went about his 'job' without complaining.

Hans was also the creative thinker who urged the society to establish its own official logo. In 2001, when I chaired the Awards Committee and had the privilege of speaking for all of ISBS as we honored Hans with the award of Life Member, here is what was said:

*"Dr. Hans Gros,
A founding member of ISBS, Newsletter Editor,
Vice-President of Publications, Vice-President of
Public Relations, President, web-site Master; you
name it – Hans has done it!*

*He accepted the job of Editor of the ISBS
Newsletter in 1985. Producing on a regular basis
two issues per year; he instituted the idea of
creating an ISBS logo. He remained as Newsletter
Editor until the end of 1989, when the new
Constitution and By-Laws took effect. He was
Vice-President of Public Relations for two years.
Working quietly in the background for a few years
as a member of the Board of Directors, he
continued to be vigilant in pushing the Society to
be active throughout the year, not just at the time
of the annual symposium.*

*Finally, in 1997, he became President and what a
job he did. He instituted a "Who's Who in ISBS"
and urged all members to share their information
thus facilitating the exchange of information
among members. He established the home base
for the web site, and created the links for the past
and future symposia. He responded to requests for
copies of papers in conference proceedings and,
single-handedly, provided a reference service for
members and non-members alike.*

*And on the heels of his extremely powerful
Presidency, he was elected Vice-President of
Publications, thus undertaking the Chairmanship
of both the Publications and Editorial Committees.
During his tenure, he has been one of the driving
forces to establish our new ISBS Journal, has the
responsibility to monitor the quality and*

*consistency of the website, including the new
Coaches' Information Service, and has produced a
first-class newsletter.*

*His service to ISBS is above and beyond the call
of duty and he personifies all that is meant by Life
Member of ISBS. Please welcome our newest Life
Member, Hans Gros."*

Because of his Canadian connections, we always felt a little closer to him, and marveled at his abilities, whether they related to his vast computer skills, his sound biomechanics, or his leadership abilities. He often went out of his way to help others; I fondly remember when I was unable to retrieve copies of the ISBS Newsletter from the internet, and he responded by sending 'hard copy' to me here in Canada. He will be sorely missed by all of us. I am glad to hear that you will be recognizing him in a ceremony in Salzburg, but I am sorry that neither one of us will be able to attend.

David and I wish to extend our deepest sympathies to his wife and family, friends, and colleagues.

Barbara A. Gowitzke

It is my sad duty to inform you that our former ISBS president, colleague and friend Hans Gros passed away on April 27, 2006. Karen Roemer and Manfred Vieten attended the funeral and expressed deepest sympathy to Hans' family also on behalf of the board and members of ISBS.

Hans was a founding member and served in many official positions within ISBS. From 1997-1999 he guided the Society as President. His enthusiastic contribution to the Society was acknowledged by receiving ISBS life-membership in 2001. Furthermore, he was considered for the Geoffrey Dyson Lecture Award 2007, the most prestigious award of ISBS.

It was impressive how optimistically he handled his severe sickness. He even offered to be member of the Scientific Committee of the ISBS Congress 2006 in Salzburg as can be seen in this email to

me: "Thanks for your invitation to assist the Scientific Committee and to attend the Symposium. I will help and come, as long as my health status allows it. Currently it looks good, the indicators turn positive...".

Hans will remain in our thoughts as concise sport scientist and valuable friend, we definitely will miss him.

Let's honor his contribution to ISBS in a ceremony in Salzburg dedicated to Hans Gros.

Hermann Schwameder

I was very saddened to hear of the passing of Hans Gros. It was particularly distressing news since it appeared that he was doing well and that we would once again get together in Salzburg.

As the Treasurer in the early days of the Society, I had the opportunity to work closely with Hans in his many leadership roles. He was a principle force in making ISBS successful. Without fanfare, with sheer force of will, and a great investment of time and effort, he made ISBS viable at a time when its viability was tenuous.

It is my hope that his contributions and legacy are fully appreciated by the membership. He viewed ISBS as a family as much as a professional organization. The ISBS family will miss him.

John Ostarello

I'm very sad about the passing of Wowo. I met him 18 years ago, he was my first teacher in University and he always supported my way as student, graduate and post-grad. He encouraged me to become a member of the ISBS and also of the ISBS Board. The last time we spoke about that, he said that the ISBS need some young people with new ideas within the board.

Because I knew him as someone who did a lot for young scientists I would like to suggest that we rename the "New Investigators Award" in "Hans

Gros New Investigators Award".

It is mentioned on our Homepage:
The purpose of the NIA is to recognize 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.

And that is what he did, he encouraged young scientists to become productive members of the Society.

Karen Roemer

Like all of you, I am commiserate about the passing of Hans Gros.

Since my first contact to the ISBS-community in 1996 At Funchal/Madeira I met Hans several times at conferences around the world.....



I found this picture in my archive.... It was taken during our conference in Hong Kong 2000.

I will allways remember him as a joyful and every time helpful member of our Society.

Lothar Thorwesten

On behalf of my Canadian fellows, I want to express our deepest sympathies to the family, friends and colleagues of Hans. I will always remember him as joyful and sincere person. There was some special connections with us (Canadians and Quebecers) since he spent sometimes in Canada.

Mario Lamontagne

My first ISBS symposium was Milan in 1992. It was an intimidating place for a postgraduate student who had never attended an international event. On the first day, I was walking from the hotel to the Politecnico and it was raining. A car pulled up and the driver offered me a lift, which I gratefully accepted. We'd only met the previous night, but he was good enough to help a 'new boy' out. It was, of course, Hans Gros, and he made ISBS seem to be a welcoming and friendly organization - one that I went on to serve in various capacities, including Secretary-General under the Presidency of the same Hans Gros.

During his time as President, Hans put a new life into ISBS. He worked tirelessly to improve communication and to lead by example. He undoubtedly prepared the way for ISBS to move up a level in quality. Over the years, we had many conversations - some academic, others not. In one of these he asked if I had children. I replied that I hadn't, and he said that children are the one thing by which you're remembered, and which becomes your legacy. I would argue that Hans will be remembered for many reasons in addition to his children. I have a photograph of him taken in 1996 at the symposium in Funchal. I was walking backwards while framing the photo and he noticed that I was going to trip over a fence. The picture ended up being of him rushing forwards to stop me from falling. That was Hans - always thinking of others. I also found this photograph of us sitting together in Perth in 1999: http://www.sportsci.com/topics2/isbs-99/second_day/P7040047.JPG. It's not really clear why I'm at the head of the table, when he was the President...!

I'll remember him as a not only a leader, but also a team player and, most of all, a friend. It was a privilege to have known him.

Stuart Miller

Like all of you I am deeply saddened by the passing of such a great member of our ISBS community. I did not know Hans very well, but I knew him to be a great example of everything for which our Society strives. I would love to include

a tribute to him in the next issue of our Journal, Sports Biomechanics. Can I appeal, through this communication, to someone, preferably a member of the Journal's Editorial Boards, to write such a tribute? I do not feel that I knew Hans well enough to do him justice.

Farewell Hans and God Bless.

Roger Bartlett

I too share in the sadness we all felt on hearing of the death of Hans Gros. I first met Hans in Edmonton, Canada in 1978 and have been pleased to call him my friend since then. Many of you know of the outstanding contributions to ISBS made by Hans during his tenure as president and in his capacity as an executive and board member over the years. This extends to the website and archives among other achievements. What some will not know is that Hans worked tirelessly behind the scenes to ensure the stability of the membership and the quality of the board and executive. As the chair of nominations from about 1994 to 2002, I was constantly amazed at the quality and quantity of the input coming from Hans. I know that we will all miss him.

To end, let me recount a memory from, in my opinion, one of the classic moments in the history of ISBS conferences. Some who have been members for many years will perhaps remember this occasion and share a laugh in Hans memory. In 1989, former president of ISBS, Bill Morrison, hosted an outstanding conference in Melbourne, Australia. One evening we all boarded busses and were taken to a local comedy cabaret. The show, to say the least, was bizarre but very funny. The highlight of the evening was when one of the cast members came into the audience and grabbed a viewer by the hand and took him on stage. The next thing we knew, our colleague was being stuffed into a refrigerator on stage never to appear again during the show. Later on we saw our friend standing at the back of the theatre enjoying the show along with the rest of us. That friend, of course, was Hans Gros. His good sportsmanship, sense of humor, and comradery was felt by all of us. I know that for me, future ISBS conferences

will be somewhat diminished by his absence. In Salzburg we will remember him fondly and wish that just one more time he was there with us to share in the accomplishments of the organization which he helped to establish and nourish. I will

support any endeavor of ISBS to honour his memory.

Wayne Marino

ISBS Election 2006

Positions to Be Filled in 2006

- President Elect
- VP of Publications
- VP of Public Relations
- VP of Research and Projects
- Eleven (11) directors

Nominees

- President Elect: Youlian Hong
- VP of Publications: Young-Hoo Kwon
- VP of Public Relations: Angus Burnett
- VP of Research and Projects: Ross Sanders
- Board of Directors: Bridget Monroe, Rafael E Bahamonde, Giannis Giakas, Laurie Malone, Mark Walsh, Roger Bartlett, Guillermo Noffal, Karen Roemer, Raul Arellano Colomina, Antonio Veloso, Wod Erdmann, Justin Keogh, Jing Xian Li, John Ostarello, Hashem Kilani, Michelle Wimberley, Randall Jensen, Uwe Kersting, Chenfu (Peter) Huang, Lothar Thorwesten

Profiles

Dr. Youlian Hong

Youlian is a resident of Hong Kong SAR (China) and is a Professor and the Head of Biomechanics Laboratory, Department of Sports Science and Physical Education, The Chinese University of Hong Kong (<http://www.cuhk.edu.hk/spe/hmlab>).



Youlian received his PhD degree in Sports Science in German Sports University Cologne (1991). After having served as Sports Biomechanist at the Hong Kong Sports Institute for two years, he worked in the Chinese University of Hong Kong as Lecturer, Associate

Professor and Professor.

Youlian became active in ISBS since attending ISBS1996 in Madeira. Since 1998, he regularly attended ISBS annual Symposiums. He was the Chairman of ISBS2000 in Hong Kong. Since 2001, he becomes VP Conferences and Meetings of ISBS. Together with other members of the Conference Sub-committee of ISBS, he further developed the official ISBS conference documents that were firstly developed by Tony Bauer. Youlian is one of the initiators of the new Fellow scheme of ISBS (FISBS).

Youlian is an active researcher. His recent publications (since 2000) can be found in British Journal of Sports Medicine (5), Gait and Posture (3), Medicine & Science in Sports & Exercise, Age and Ageing, Archives of Physical Medicine and Rehabilitation, Physical Therapy, Clinical Biomechanics, European Journal of Applied Physiology, Scandinavian Journal of Medicine & Science in Sports, Ergonomics, Journal of Aging and Physical Activity, Journal of Human Movement Studies, etc. He is the Editor-in-Chief of "Research in Sports Medicine: An International Journal", Member of Executive Editorial Board of "Sports Biomechanics" and the editor of the book "International Research in Sports Biomechanics".

Dr. Young-Hoo Kwon

Young-Hoo is an Associate Professor of Kinesiology and Director of Biomechanics Laboratory at Texas Woman's University (<http://www.twu.edu/biom>), Denton, Texas, USA.



Young-Hoo is originally from Korea and finished his BS (Astronomy) and MEd (PE-Biomechanics) degrees at Seoul National University, Seoul, Korea. He received his PhD

(Exercise Science-Biomechanics) from the Pennsylvania State University, University Park, Pennsylvania, USA.

His research interests include sport biomechanics in general, human mobility biomechanics, computer applications in sports and biomechanics, development of motion analysis software, etc. He is the creator of Kwon3D Motion Analysis Software (<http://kwon3d.com/theories.html>).

Young-Hoo has been an active member since 1997 and has participated in every Annual Symposium since 1999, making at least one presentation in every symposium including 1 keynote and 1 applied session. He has served as the VP of Publications for two terms (2002-2006) and it will be his third term if elected. He is currently on the Executive Editorial Board of Sports Biomechanics, and is the Editor of the ISBS Newsletter and the Webmaster of the ISBS Web.

Dr. Angus Burnett



Angus received his PhD from the University of Western Australia in 1996 with his research into Spinal Abnormalities in Young Fast Bowlers in Cricket. He was the Sports Biomechanist at the Western Australian Institute of Sport for 4 years predominantly working with track and field,

rowing and kayaking. He then was the Senior Lecturer in Biomechanics at Edith Cowan University in Western Australia for 5 years. In 2005 he was appointed as a Research Fellow at the School of Physiotherapy, Curtin University of Technology in Western Australia.

Angus has a unique blend of practical and research experience. He coached elite junior track and field athletes producing 10 National Champions, 2 National Representatives and a World Under 18 Champion in Women's Javelin Throw. His current research interests are in Spinal Biomechanics in Sports and Exercise and Clinical Rehabilitation. Currently, he has written 29 peer-reviewed journal articles in journals such as Sports Biomechanics, Spine, European Spine Journal, Journal of Electromyography and Kinesiology and Manual Therapy. He is currently

the Vice-President – Public Relations for the Society.

Dr. António Prieto Veloso

Antonio is an Associate Professor and Director of the Biomechanics Laboratory at Faculty of Human Kinetics and the Vice Dean of the Faculty of Human Kinetics, Technical University of Lisbon (<http://home.fmh.utl.pt/~apveloso/>). He is also the Research Coordinator of the top Ranked Project supported by the Portuguese Science Foundation in the Sport Sciences Area in the 2004-2006.

His main research area includes evaluation of mechanical load on the musculoskeletal system, and sports biomechanics with special focus on the changes in mechanical output related to fatigue.

Dr. Bridget Munro

Bridget obtained her BSc (Hons) in Human Movement Science and PhD



(2005) in Biomechanics at the University of Wollongong. She has recently completed a postdoctoral research fellowship with CSIRO Textile and Fiber Technology working on the use of

intelligent fabrics in biofeedback devices to both optimize sports performance and reduce the incidence of sports-related injuries.

Bridget is currently a postdoctoral research fellow in the Biomechanics Research Laboratory at the University of Wollongong where her research interests focus on lower limb landing mechanics, footwear design, brassiere design, and high impact sports such as hang gliding and parachuting. Bridget attended her first ISBS conference in 1995 and has endeavored to be a member of the society ever since. Bridget is currently a director of the Footwear Biomechanics Group.

Dr. Chenfu (Peter) Huang

Chenfu received his BS in Physical Education



from National Taiwan Normal University, Taiwan and MS from Purdue University, USA. He received PhD degree in Kinesiology from the University of Minnesota in 1993. He is currently

a professor and the Director of the Biomechanics Laboratory in the Department of Physical Education, National Taiwan Normal University, Taiwan.

Chenfu has been an active ISBS member since 1998 and has presented more than 20 papers with his graduate students in the last six ISBS conferences except ISBS 2004. He has practiced Tai Chi for 30 years.

He is the vice-president of Taiwanese Society of Sport Biomechanics and served as a member of Sport Science Committee (Biomechanics), working with 2008 Chinese Taipei Olympic Team. His main research areas are biomechanics of volleyball, track and field, and martial arts.

Dr. Giannis Giakas

Giannis graduated from the Aristotle University of Thessaloniki, Greece (1993) and completed his PhD in Biomechanics at the Manchester Metropolitan University, UK (1997). He is currently working as a Lecturer at the University of Thessaly, Greece, and as the Biomechanics Lab director of the Institute of Human Performance and Rehabilitation at the Centre for Research and Technology – Thessaly, Greece.



He has published over 27 international peers reviewed papers and he has more than 60 conference presentations. His research interests include, but are not limited to, biomechanical data processing - filtering, gait analysis and fatigue. Giannis has served the ISBS as a Treasurer for 4 years (2001-2005) and created the first ISBS and ISBS-Executive email lists.

Dr. Hashem A. Kilani

Hashem received his Bachelor's degree from Helwan University, Egypt (1974), MS from Purdue University, USA (1984), and PhD from University of Illinois, USA (1988) in the specialization of Sport Biomechanics & Kinesiology. His research interests include human movement sciences and health related fitness.



Hashem currently holds a joint appointment as the Department Chair of Health & Recreation and Assistant Dean for Quality Assurance Development in the faculty of PE and a member of the Orthotics & Prosthetics Dept. at the college of Rehabilitation Sciences, University of Jordan. He has recently been working in the areas of pregnancy and exercise as a consultant to JSI Research and Training Institute, Inc. for development of prenatal exercise educational products for JAFPP, children development with the UNICEF for building national standards, exercise and aging with the Arab physical cultural federation, and has published many scientific articles on issues of health, human movement, fitness, biomechanics, kinesiology, including a book: Physical Fitness & Ex. Physiology.

He was a member of the ISBS Board of Directors in 1985-86. His interest as a hobby is in swimming and running.

Dr. John Z. Ostarello

John is a Professor of Biomechanics in the Dept. of Kinesiology, California State - East Bay, Hayward, California, USA. John received his EdD from University of California, Berkeley. He is a Founding Member of the ISBS and has been a Life Member since 1997. He also served ISBS in the capacity of Treasurer.



John's research interests include sports biomechanics with particular emphasis on the integration of biomechanics and motor learning and control, human performance in hyperbaric environments, and gender issues in sport.

His coaching experiences range from gymnastics to athletics (track events), diving, swimming, competitive weight lifting, and scuba diving.

Dr. Justin Keogh

Justin has been employed by the Division of Sport and Recreation, Auckland University of Technology (AUT), New Zealand for almost four years and has recently been promoted to the position of Senior Lecturer. Justin submitted his PhD in December 2005, with



this thesis examining the constraints (in particular the effect of aging and resistance-training) on the control of physiological tremor and finger-pinch force. His other research interests include 1) neuromuscular determinants of hypertrophy, strength and power, 2) kinanthropometric predictors of sporting performance, and 3) sports biomechanics.

Since 2004, Justin has published 10 peer-reviewed articles in journals such as Sports Medicine, Experimental Brain Research and European Journal of Applied Physiology. He has also presented 11 papers at national and international conferences in this time, being an invited speaker at one of the national conferences. In the past two and half years Justin has also been busy in the peer-review process. For example, in this time Justin has reviewed 11 papers for journals such as Sports Medicine, Medicine and Science in Sports and Exercise and Journal of Biomechanics and two books, one for the British Journal of Sports Medicine and one for Sports and Exercise Science New Zealand.

Justin has been a member of ISBS since 2002. In this time he has been an author/co-author on three papers presented at ISBS conferences and a co-author on an ISBS Coaching Information Service article on water polo shooting.

Justin consults to the New Zealand Academy of Sport where he currently works with carded amateur golfers and a Paralympic powerlifter. He is also a nationally ranked powerlifter and strongman, President (and founder) of the AUT Powerlifting and Strongman Club and Vice-President of the Auckland Powerlifting Association.

Dr. Laurie Malone

Laurie received her doctorate degree from the University of Alberta in 1999 with an emphasis in sport biomechanics and adapted physical activity. Laurie is currently the Director of Research and Education, Lakeshore Foundation, Birmingham, Alabama, USA.

Her current position at the Lakeshore Foundation



requires a multi-disciplinary approach to examine the impact of various physical activities and sport programs on the functional ability of persons with physical disabilities. With the Foundation's recent designation as an U.S. Olympic and Paralympic Training Site, Laurie is also responsible for providing sport science services to National team athletes training at the facility.

Laurie has been an active member of ISBS since 1995 presenting at numerous symposia over the years and serving as a member of the Board of Directors, public relations and scientific committees, and the Sports Biomechanics Journal advisory board.

Dr. Lothar Thowesten

Since he was elected to the Board of Directors for the first time in 2000, Lothar has stayed on the Board for last 6 years. In 1990 Lothar received his final degree at the German Sports University Cologne "Dipl.Sportl". After that he worked for a 2-year period at the Institute of



Biomechanics (Westfälische Wilhelms University Münster). Since 1993 Lothar worked at the Institute of Sports Medicine (University Hospital Münster). He finished his PhD in 2000. He is currently a member of the German Society of Sports Medicine and Prevention.

Lothar's first exposure to ISBS was the 1996 Symposium in Funchal/Madeira and he has missed only the Perth and Beijing symposia since then. He is a member of the Editorial Advisory Board of the Sports Biomechanics journal.

Dr. Rafael Bahamonde

Rafael received his Ph.D. in Human Performance with a sport biomechanics major and a minor in human anatomy from Indiana University, Bloomington, Indiana, USA. Rafael's research interests are in sport biomechanics and gait analysis, with emphasis on tennis techniques and injury prevention. He is currently an Associate Professor of Physical Education at Indiana University – Indianapolis, associate researcher for National Institute for Fitness in Sports, and a Fellow of the American



College of Sports Medicine. He has been a member of ISBS since 1995.

Rafael has been the author or co-author of articles in The Journal of Applied Biomechanics, BioMechanics, Biology in Sports, Sports Biomechanics, Journal of Science and Medicine in Sport, Journal of Sports Sciences, Orthopaedic Physical Therapy Clinics of North America, Journal of Musculoskeletal and Neuronal Interaction, Isokinetic Exercise, Journal of Strength & Conditioning, Athletic Training, and

Adapted Physical Activity. He was an author for International Tennis Federation book on Biomechanics of Advanced Tennis and a co-author of the Functional Anatomy Chapter for the ACSM Resources Manual for Exercise Testing and Prescription. Rafael has received grants from the United States Olympic Committee in the Elite Athletes Project, United States Tennis Association, US Consumer Safety Commission, American Association of Retired People and other private organizations.

Officers' Reports

VP of Public Relations: Angus Burnett



This month has led to a significant achievement for the ISBS. I am absolutely delighted to announce that the ISBS has attracted sponsorship from two companies. These companies are Novel GmbH (Gold Sponsor) and Contemplas (Silver Sponsor). Please see their adverts in the current edition of the newsletter.

To explain this further, in the last few months the officers of the ISBS has been very active in chasing sponsorship for the Society. We decided that there will be a pool of sponsors supporting initiatives of the ISBS. This pool will consist of Gold, Silver and Bronze level sponsors and there are distinct levels of support provided by the ISBS related to each of these levels. The money generated from this initiative will be distributed amongst various initiatives related to the annual ISBS conference. For example, our first priority is to fund the New Investigator Award (NIA) at the 2006 ISBS conference in Salzburg in the following manner:

NIA	Oral	Poster
1st Prize	1000 Euros	600 Euros
2nd Prize	500 Euros	400 Euros
3rd Prize	300 Euros	200 Euros

This is a very important initiative for the ISBS as young scientists attending the annual symposia are

our future. Further the ISBS may offer remuneration for other initiatives such as the Geoffrey Dyson Award, the most prestigious award in the ISBS.

In my last report in the Fall edition of the newsletter in 2005, I mentioned how we should be making building with Sports Biomechanists in Asia. In the next edition of the newsletter I will chasing up what has been going on in the Asian countries.

Along these lines I visited Shanghai whilst on holiday, and whilst I was there I met with Professor Xin Dingliang for an afternoon. Professor Xin is the Biomechanist at the Shanghai Institute of Sport. He showed me around their facilities and also gave me an overview of the Chinese sports system and the types of sports they service. It was a very interesting discussion. I can't say that my Mandarin, or even local dialect (Shanghainese) is very good, but we understood each other with a little patience.



Remember, if you are a Biomechanics/Sports Biomechanics Society wanting exposure you should consider contacting me and discussing what we can do to help both you and the ISBS. There may be some mutual benefit, and you will never know if you don't try. A discussion that may seem to be have no real immediate benefit, might lead somewhere.

The XIth Chinese Symposium of Biomechanics in Sports

The XIth Chinese Symposium of Biomechanics in Sports will be held in Chengdu, China, 9-12 November, 2006. It's the annual meeting of China Society of Biomechanics in Sports (CSBS) and is organised by the Chengdu Sport University. It is expected that there will be over 150 delegates attending the conference. Professor Jihe Zhou, the president of the conference, is pleased to invite all colleagues from the world to attend the conference.

Chengdu is the capital of Sichuan Province and is the cultural and industrial center for the agricultural Chengdu Plain. Sichuan is known as the "Land of Abundance" and has three places on the World Cultural and Natural Heritage List: Jiuzhaigou Scenic Area, Huang Long Valley (Yellow Dragon Valley) and Mount Emeishan including Leshan Giant Buddha. Visitors to this province can experience a wide variety of beautiful landscapes including plateaus, mountains, ravines, basins, hills, plains, rivers, lakes, hot springs, waterfalls and limestone caves. In addition, tourists can visit important historic relics and taste the delicious spicy Sichuan Cuisine.

The main objectives of the conference are to present:

- Application of sport biomechanics to the preparations for the Olympic Games
- Theory and practice of applied biomechanics in sports
- Methodology of sport biomechanics
- Biomechanics in training and performance diagnostics
- Biomechanics in strength training
- Application of sport biomechanics in orthopedics, injury prevention and rehabilitation
- Biomechanics in physical education

- Teaching biomechanics in sports
- Biomechanics in leisure sport
- Modelling and computer simulation

Again, on behalf of the Organizing Committee of the XIth Chinese Symposium of Biomechanics in Sports, Prof Zhou would like to invite you all to Chengdu to attend the conference. We are sure it will be an unforgettable experience for you.

If you have any inquiry, please contact to Dr. Weiya Hao (haoweiya@ciss.cn, haowy@tsinghua.edu.cn), Secretary General of China Society of Biomechanics in Sports.

Organizing Committee of the XI Chinese Symposium of Biomechanics in Sports

VP of Publications: Young-Hoo Kwon



This year has been one of the busiest years for the office of the VP of Publications since it is the fifth year of circulation of Sports Biomechanics and the contract with Edinburgh University Press needs a renewal. During the

Beijing Symposium last year a task force was formed to overlook this issue. The members of this task force include Roger Bartlett (Editor), Hermann Schwameder (President), Manfred Vieten (Treasurer), Ross Sanders (Founding Editor), Bruce Elliott (Past President) and me (VP of Publication). I've acted as the facilitator.

The initial discussion was held in Beijing and action items were identified. The action items were followed up throughout the rest of 2005. The discussion then resumed via emails among the members throughout Feb and March this year. Although the e-journal option was discussed in length, the traditional journal model eventually gained supports after deliberations. As a result, the task force decided to find a publisher other than EUP who is interested in taking over the journal. (No EUP representative came to Beijing Symposium in spite of our invitation.) We do have a candidate publisher at the moment and the negotiation is in progress. The outcome of the negotiation will be posted to isbs-members list as soon as it is finalized.

The key factors of the negotiation include the following: 1) ISBS will permanently sell the copyright to the publisher; 2) with this ISBS will have no financial obligation; 3) ISBS will keep the editorial control and the right to appoint the editor; 4) after certain period of free subscription, the journal will be provided to the ISBS members at a discounted rate; 5) the publisher will be responsible for the editorial expenses; and 6) online access to the electronic articles will be provided to the ISBS members.

It is too early to reveal the negotiation details and I hope to conclude the contract procedure by the Salzburg Symposium. Additional progress report will be submitted before the Symposium.

As a result, the July issue will be the last one that EUP will publish. We expect some obstacles in the transition but Roger and I will work hard to make the transition a smooth one. So I urge the membership to keep submitting high quality articles to Roger.

Upcoming ISBS Symposia

ISBS 2006



XXIV Symposium on Biomechanics in Sports
July, 14-18, 2006
Salzburg, Austria

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

Congress President: Hermann Schwameder

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
- Modelling and computer simulation

Program:

Keynote Lectures

- Benno Nigg: Sports Biomechanics - Injury Prevention and Performance Enhancement
- Joe Hamill: Overuse Injuries in Running: Do Complex Analyses Help Our Understanding?
- Darren Stefanyshyn: Sports Equipment –

Energy and Performance

- Jan Cabri: Biomechanical Issues in Sports Physiotherapy and Rehabilitation
- Alberto Minetti: The Evolution across Ages of Efficiency and Economy of Human Locomotion and Exercise'
- Felix Eckstein: Short- and long-term Effect of Exercise on Human Cartilage
- Vasilios Baltzopoulos: Modelling Dynamic Musculoskeletal Function and Implications for Computer Simulation and Inverse Dynamics Applications in Sport
- Bruce Elliott: Field of Laboratory Testing: A Conundrum

Applied Program and Invited Symposia

- Biomechanics of alpine skiing: Erich Müller
- Biomechanics of nordic skiing: Stefan Lindinger
- Biomechanics in tennis: Bruce Elliott
- Biomechanics in running and running shoes: Peter Brüggemann
- Biomechanical issues of strength training and conditioning: Dietmar Schmidtbleicher

Approximately 150 oral and 100 poster presentations

Venue:

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

Registration:

Online registration via website (www.isbs2006.at)

Registration fees:

	Before May 15	After May 15
ISBS members	€300	€350
New ISBS members	€380	€430
Non-members	€400	€450
ISBS Student members	€200	€250
New ISBS Student members	€260	€290
Student non-members	€260	€310

Accommodation:

Hotels of different categories are available in Salzburg. 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:

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

Website:

www.isbs2006.at

Major Sponsor:

VICONPEAK

New Members

ISBS welcomes the following new members who joined the Society since the last list was published. This list includes those who joined the Society through Salzburg Symposium registration:

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Upcoming Conferences



By Gary Christopher

♣ **American College of Sports Medicine, 53rd Annual Meeting**
Jun 1-3, 2006; Denver, USA
American College of Sports

Medicine

www.acsm.org

♣ **9th International Symposium on the 3-D Analysis of Human Movement**

Jul 4-5, 2006; Valenciennes, France

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

♣ **6th Conference on Engineering of Sport**

Jul 11-16, 2006; Munich, Germany

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

♣ **XXIVth International Symposium of Biomechanics in Sports**

Jul 14-18, 2006; Salzburg, Austria

University of Salzburg

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

♣ **5th 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/>

♣ **The Fourth IASTED International Conference on Biomechanics**

Aug 28-30, 2006; Palma de Mallorca, Spain

http://www.iasted.org/conferences/2006/spain/bio_mech.htm

♣ **3rd International Ankle Symposium**

Sept 1-3, 2006; Dublin, Ireland

Email anklesymposium3@ucd.ie

♣ **American Society of Biomechanics Annual Meeting**

Sep 6-9, 2006; Blacksburg, Virginia, USA

Virginia Tech - Wake Forest School of Biomedical Engineering and Sciences

<http://asb2006.org/>

♣ **1st Joint ESMAC-GCMAS Meeting (JEGM06)**

Sep 28-30, 2006; Amsterdam, The Netherlands

The European Society of Movement Analysis for Adults and Children (ESMAC) & The Gait and Clinical Movement Analysis Society (GCMAS)

<http://www.jegm06.org/>

♣ **The 16th Annual Meeting of the International Association for Dance Medicine and Science (IADMS)**

Oct 19-21, 2006; West Palm Beach, Florida, USA

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

♣ **The Fifth IASTED International Conference on Biomedical Engineering**

Feb 14-16, 2007; Innsbruck, Austria

<http://www.iasted.org/conferences/home-555.html>

♣ **54th Annual Meeting of American College of Sports Medicine (ACSM)**

May 30 - June 2, 2007; New Orleans, USA

<http://www.acsm.org/Content/NavigationMenu/Education/Conferences/Conferences.htm>

♣ **6th International Symposium Computer Science in Sport**

Jun 3-6, 2007; Calgary, Canada

University of Calgary and the International Association on Computer Science in Sport (IACSS)

<http://www.kin.ucalgary.ca/iacss2007>

♠ **2007 National Athletic Trainers' Association (NATA) Annual Meeting & Clinical Symposia**
June 26-30, 2007; Anaheim, California, USA
<http://www.nata.org/annualmeeting/>

♠ **XXVth ISBS Symposium**
Sep 3-7, 2007; Ouro Preto, Brazil
Federal University of Minas Gerais, Brazil
<http://www.twu.edu/biom/isbs/symposia.htm>

Job Announcement

♠ **Aspire – Academy for Sports Excellence, Doha, Qatar**

Sports Department
Performance Enhancement Section

ASPIRE is Qatar's visionary Sports Academy, which launched its academic curriculum in September 2004. The Academy will discover the best young sporting talents from the region and around the world, and make them world class. With state-of-the-art facilities and world-class sports programmes, it will turn hopefuls into winners at the highest levels of international competition. The Academy also integrates this training with an intensive, comprehensive intellectual education, giving them all the support they need to succeed. For more information, visit www.aspire.qa.

We are looking for sport biomechanists to join our international team in the Performance Enhancement Section in the Sports Department. The main tasks will be to provide biomechanical support services to different sports and to develop

/ introduce new methodology to monitor and enhance athletic performance. Additional task will be to support applied research in these areas.

We will offer an international innovating working environment and unique state-of-the-art facilities. For the applicants, a degree in sport science or other related discipline is required. Any expertise or experience in computer programming or technical expertise is an advantage. The applicants should also have good oral and written English language skills.

For further information (and instructions to apply for the job), please contact:

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- Past President: Bruce Elliott, University of Western Australia, Australia
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- VP Awards: Richard Smith, University of Sidney, Australia (R.Smith@fhs.usyd.edu.au)
- VP Conferences and Meetings: Youlian Hong, Chinese University of Hong Kong, Hong Kong (youlianhong@cuhk.edu.hk)
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- Secretary General: Drew Harrison, University of Limerick, Ireland
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Editor's Corner: Young-Hoo Kwon

Beware that this is the 'April-2006' issue, not 'Spring-2006'. Thanks to Angus Burnett I came to the realization that 'Spring-2006' is not right for those who are living in the Southern Hemisphere.



Year 2006 is the year of dog. Dogs in Asian culture symbolize 'loyalty' and 'protection from the bad spirits'. I hope your year 2006 full of good spirits.

The news from Manfred Vieten in late April saddened us a lot. Hans Gros left us due to his long suffered illness. So I waited a little to include some words from his friends in memory of him.

This issue is the first one since I took over the Newsletter from Hans Gros that contains advertisements. This is an exciting development. It not only means additional revenues for the Society but also the true partnership between ISBS and the vendors. I'd like to see a rapid growth of the advertisement section in the near future. I personally thank Angus Burnett for his hard work. The advertisement page is located after this page.

Finally, I'd like to thank those who have contributed to this issue. Special thank goes to the nominees who responded to my request promptly.

NL Volume 22 No. 2:

There will be one more issue (Vol. 22, No. 2; July-2006) before the Salzburg Symposium (or the end of my current term). Although the July-2006 issue will be dedicated mainly to the Annual Symposia (Salzburg 2006 and Ouro Preto 2007), a special section will be included in memory of Hans Gros. I am planning a photo gallery and would appreciate it if you'd send me photos you took with Hans with an informative caption. I particularly would like to have photos from earlier days of ISBS.

The deadline for the July-2006 Issue is June 21, 2006. Please send the NL materials to:
ykwon@mail.twu.edu

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

Editorial Team:



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