

ISBS Newsletter

March 2014
(Vol. 30, No. 1)



Table of Contents:

ISBS Membership 2014 [Manfred Vieten]	2
ISBS Election 2014 [Randall Jensen]	2
ISBS Student Mini Research Grant [Jing Xian Li]	7
ISBS Awards 2014 [Elizabeth Bradshaw]	8
Hans Gros Emerging Researcher Award 2014 – Neil Bezodis [Elizabeth Bradshaw]	9
Call for hosting the 34 th ISBS Conference in 2016 [Hermann Schwameder]	10
Student Mentoring Program 2014 [Gerda Strutzenberger]	10
Preview of the 32 nd ISBS 2014, Johnson City, TN, USA [Kimi Sato, William Sands]	11
Biomechanics and Medicine in Swimming Conference, Australian Institute of Sport [Bruce Mason]	12
ISBS Sponsors [Wolfgang Potthast]	13
ISBS Officers	13
ISBS Directors	13

[Friendly reminder: Please make sure your contact information is correct and updated to ensure that you will receive the ISBS mass email, newsletter and ballots for election. You can check on www.isbs.org > Membership.]

ISBS Membership 2014

Dear ISBS members,

It is time for a mailing list update of isbs-membersigs@mailman.uni-konstanz.de. The simplest way to do this is remove everybody from the list and subscribe each member in good standing newly. Therefore, please do not worry when you get the "un-subscription message". If you are a member in good standing for the year 2014 you will be re-subscribed immediately.

If you have not paid your 2014 dues yet, please do so via <http://www.isbs-deduction.de/>. All you need is a credit card or a PayPal account. The deduction is handled via PayPal, also if you do not have a PayPal account.



Dr Manfred Vieten
ISBS Treasurer

ISBS Election 2014

We have called for nomination for several ISBS officer positions and Board of Directors earlier, and we received 21 nominations. Here are their bios. I would like to remind those who have their email addresses changed to update their contact information online so to ensure that you will receive the ballots in the coming weeks/months.



Dr Randall Jensen
ISBS Secretary-General

Candidate for President Elect



**Prof Gareth Irwin,
PhD, FISBS**

My research philosophy aligns with the ISBS ethos of 'bridging the gap' using scientific methods to address meaningful questions that improve

I am Professor and Head of Sports Biomechanics at Cardiff Metropolitan University. I have been a member of ISBS since 2001 and have served as Vice President (Awards), Board of Directors, Scientific Committee, Webmaster, and Academic Mentor. My

performance or reduce injury. The future of ISBS rests with promoting international and academic inclusion by maximising engagement of established and aspiring scientists, coaches and clinicians. My vision for ISBS is one of self-sustainability through an outward facing, clear and inclusive structure.

Candidate for President Elect



John Ostarello

John Ostarello is Professor Emeritus, of Kinesiology, California State University, East Bay, U.S.A. He received his doctorate from the University of California, Berkeley. His research interest is in the integration of biomechanics and

motor learning. He is a Founding member of ISBS and has been a Life Member since 1997. He served as the first Treasurer of the Society, the Secretary-General, member of the Board of Directors, member of the Awards Committee, and numerous scientific committees. He is committed to advancing the ideals of ISBS and continuing to aid the Society to function in a fair, open, and transparent manner.

Candidate for Vice President of Publications**Sarah Breen**

Sarah is a Senior Lecturer at Leeds Metropolitan University in the area of Sport & Exercise Biomechanics. She received her PhD at the University of Limerick in 2012, completing research investigating the

biomechanics of anterior cruciate ligament injury and was supervised by Dr Ian Kenny and Dr Drew Harrison. Sarah has been an ISBS member since 2008 and has presented/ co-authored several papers. At the 2012 ISBS conference (Melbourne Australia), she was shortlisted for the New Investigator Award. Sarah has also acted as a reviewer for the Sports Biomechanics Journal since 2013.

Candidate for Vice President of Public Relations**Wolfgang Potthast**

Wolfgang finished his PhD in Biomechanics at the German Sport University Cologne (GSU), held from 2010-12 the professorship for Biomechanics and Movement Science at the Karlsruhe Institute of Technology. In

2012 Wolfgang accepted the position as professor for Clinical Biomechanics at GSU. His main research focuses on the optimization of the performance capacity of the musculo-skeletal-system. This includes sport performance, injury prevention, and therapy. The interaction of the biological system with technical aids is of paramount interest in this context. 2005 Wolfgang received the ISBS New Investigator Award, served in the board of directors and currently as VP Public Relations.

Candidate for Vice President of Research and Projects**Jing Xian LI, PhD**

Dr. Jing Xian Li is an Associate Professor in the School of Human Kinetics, University of Ottawa. She received her PhD degree in orthopedic sports medicine and experienced the post-doc training in sports biomechanics in The Chinese University of

Hong Kong. Jing Xian joined ISBS in 1999 and has involved in a great many of ISBS activities, such as organizing ISBS conference, serving as a director, and developing new research program. She is Vice President for research and project since 2010. Her research interest is in Tai Chi biomechanics, biomechanics of load carrying, and running biomechanics.

Candidate for Vice President of Research and Projects**Gerda Strutzenberger**

I am currently a Research Officer in Sports Biomechanics at Cardiff School of Sport. I have been an active member of ISBS since 2006, serving as conference organising committee, director and scientific committee. I developed and

currently manage the Student Mentor Program. My research aligns with the ISBS ethos of theory to practice with a sports and health focus. I would like to extend my engagement in ISBS by undertaking the VP of Projects and Research creating possibilities to further the Society's aim of providing a forum for the exchange between researchers and practitioners

Candidates for Board of Directors



Jacqueline Alderson

Currently an Associate Professor of biomechanics at the University of Western Australia, I am standing for a second 2 yr term as director. Having first attended ISBS in 1999, I am a strong supporter of the ISBS community having served as a director from 2012-2014, a regular member of the awards committee and the annual conference scientific committee. Since its inception I have also participated annually in the highly successful student/mentor programme. I value the ISBS mission of bridging the gap between academic research and application and would welcome the opportunity to continue to serve as an officer of ISBS.



Neil Bezodis

I have been an ISBS member since 2005, attending five conferences between 2008 and 2014. In 2009 I received the New Investigator Award for my modelling-based sprinting research and I am currently aiming to apply and extend my biomechanical research in both sprinting and rugby union by collaborating with coaches and skill acquisition experts. I would like to be a new member of the Board of Directors to continue the good work that has been done to date and to add some fresh ideas to help ISBS keep progressing in the future.



Floren Colloud

Floren is an Associate Professor of Sport Biomechanics at the University of Poitiers, France. Floren is heading the Multibody System Dynamics research team of Institut Pprime. Floren is the chairman of the 33rd ISBS congress. His research interests focused on developing subject-

specific 3D biomechanics models to analyse and simulate sports movement with a particular interest for cyclic sports. These research activities are strongly embedded in multi-disciplinary research collaborations with engineering, clinical and sport partners. I am excited by the possibility of serving on the ISBS Board. I truly appreciate your consideration of my nomination to serve as a board member.



Dr Timothy Exell

I am a sports biomechanics lecturer at Cardiff Metropolitan University. I have been presenting research at ISBS since 2007, and strongly believe in the Society's mandate of translating theory to practice. I am committed to promote the philosophy and values of ISBS. I am passionate about applied sports biomechanics research and integrate this into my teaching and research. My research interests include biomechanical asymmetry of performance and injury in sport. I have benefitted greatly from being a regular attendee and presenter at ISBS symposia. I would relish the opportunity to contribute to the ISBS community as a board member.



Brock Laschowski

Brock Laschowski is an MSc student in the School of Kinesiology at Western University, with a research focus on rowing biomechanics and oar engineering. He is a Biomechanics Intern at the Canadian Sport Institute and currently assists the Rowing Canada Aviron. In the past fiscal year, Brock has lectured at 5 national conferences and was lead author on 3 peer-reviewed articles.



Silvio Lorenzetti

Champion in Powerlifting and American Football. His research interests are loading during strength exercises, whole body modeling, shoes, sitting behavior and FE calculation. He is strongly involved in teaching at bachelor and master level at ETH. In ISBS he promotes the knowledge transfer from high-level research to the applied side of sports biomechanics.

Silvio Lorenzetti is a permanent Senior Scientist in Sports Biomechanics and the Head of the Sports Biomechanics Group of ETH Zurich, Switzerland. He has a background in physics and holds a PhD in Experimental Physics and a PhD in Biomechanics. As an athlete, he was Swiss



Pedro Morouço

Master and Doctoral studies focusing performance optimization through Biomechanics. I know that I'm a young researcher, but I have a huge will to actively participate in the dissemination of the Society. Recently I became the Director of a Master Degree in Sports and Health and Scientific Director of the Research Centre for Human Movement Sciences.

My name is Pedro Morouço and I'm an Assistant Professor on Sport Sciences at the Polytechnic Institute of Leiria, lecturing Sports Biomechanics, Kinesiology and Research Methods. Since my first degree, that Sports Biomechanics became my passion. Therefore, I proceeded with the



Simon Pearson

Simon is a biomechanist working with elite athletes and coaches at High Performance Sport New Zealand and also holds a Research Associate position at Auckland University of Technology supervising postgraduate students. With this dual role he is particularly interested in the role of research in

understanding and improving athlete performance in a practical setting, with a focus on track & field and running biomechanics. Simon completed his PhD in 2010 looking at strength and conditioning related biomechanics in America's Cup sailing, has been a member of ISBS since 2004 and has served on the board of directors since 2012.



Dr Ezio Preatoni

I am a Lecturer (Assistant Professor) in Biomechanics and Motor Control at the University of Bath. I completed my PhD in Bioengineering (2007) at Politecnico di Milano. I have been an active member of ISBS since 2005, and I have regularly presented my research at the annual conference. I have also served as a member of scientific review board (2010), and as a mentor in the Student Mentoring Program (2013). My area of research focusses on injury prevention and on the role of movement and coordination variability in the acquisition, retention and recovery of motor skills.



Karen Roemer

Karen Roemer is an assistant professor for biomechanics at Central Washington University. Her area of expertise is biomechanical modeling and human movement analysis. She worked in the Olympic Training Centers in Germany, and later at Chemnitz University of Technology and Michigan Technological University. In 2004 she finished 2nd in the New Investigators Award of ISBS. She has been a member of ISBS since 1998 and a Member of the Board of Directors since 2004 and helped in organizing the ISBS conference of 2010 in Marquette, MI by co-chairing the scientific committee.



Gongbing Shan

Dr. Shan is a Professor at Department of Kinesiology, University of Lethbridge, Canada. He is the founder of Biomechanics Lab there, which is equipped with million-dollar equipment. Dr. Shan's research covers soccer, golf, bicycling, martial arts, dancing and equipment design and optimization. Dr. Shan joined ISBS as a member in 1998. Since then, he has been collaborating with researchers cross three continents (Europe, Asia and North American). For further promoting sports biomechanics research and education worldwide, he is willing to serve the multi-cultural ISBS as a director using his years' experiences in multi-cultural and academic environment.



Mark Walsh

I earned my PhD at the Deutsche Sporthochschule in Cologne, Germany. I am currently an Associate Professor at Miami University in Oxford, Ohio. My interests are in Sport Biomechanics. Some of my publication directions have been knee injuries, balance, and non-linear dynamics. My first ISBS conference was in 1993 hosted by Joe Hamill at UMASS Amherst.



Prof. Dr. Qing Wang

Dr. Qing Wang is currently a professor of China Institute of Sport Science, and is appointed honorary professor in numerous sports universities in China. He is also Vice President of China Sport Science Society and President of Chinese Association of Biomechanics in Sports. He obtained his PhD degree in 1999 from University of Freiburg, Germany. He organized the 23rd International Symposium on Biomechanics in Sports (ISBS 2005) in Beijing, China. He was a member of Board of Directors of ISBS (2007-2009). Over the



Cassie Wilson

years, his research on sports biomechanics has led to a lot of prestigious academic awards in China. Cassie Wilson is currently a Senior Lecturer in Sport and Exercise Biomechanics at the University of Bath, UK. Cassie's research interests fall into two main themes namely; **motor learning and skill development** with a specific focus on the influence of inter segmental coupling and the associated variability, and the application of **biomechanical principles to training theory** with the aim of making training more effective and efficient. Cassie has been a member of ISBS since 2004 and was made a fellow of the society in 2010.



Bing Yu, PhD

I have been working as a sports biomechanist since 1983, have been an active member of ISBS since 1997, and was elected as a board director several times. It is a great pleasure to see ISBS growing and becoming a strong international scientific society. I will be very happy to be re-elected as a board director, and hope to have an opportunity to continue serving our society and contribute more to the development of our society. If re-elected, I will work closely with other officers and board directors to serve our members and make our society even better.

ISBS Student Mini Research Grant

The purpose of this funding opportunity is to provide final year undergraduate or graduate students with opportunities to undertake biomechanics research projects with established researchers in an environment that provides strong mentorship. In addition, this opportunity targets the early stage of the student's academic training to encourage the pursuit of research in biomechanics areas.

Funds Available:

The funds will be provided by ISBS. The total amount available for this funding opportunity is €2000 for funding 2 awards each year. The maximum amount per award is €1000 for up to one year. Applications in one or more of the following research areas are encouraged.

- Sports biomechanics
- Exercise biomechanics
- Fundamental movement biomechanics
- Biomechanics of sports and exercise injury prevention and rehabilitation
- Instrumentation and method of biomechanics research
- Paediatric and gerontology exercise biomechanics
- Sports engineering

Eligibility:

- The applicant has to be supervised by an established researcher who is ISBS member.
- The supervisor of the applicant generally administers the fund.
- The applicant must enrol in an undergraduate degree program or graduate program at a university at the time of application.

Application Guidelines:

Applications should include the following:

- a 5-page (single space, Arial 12 font) summary which includes the purpose, hypotheses, reference to key related literature, study design, methods, timetable for the measurements and budget;
- a CV of the applicant: 2-3 pages in length, including contact information, education, award and honor, and list of publications
- a one page recommendation letter from the supervisor who must be an ISBS member at the time of application.

Allowable Costs:

- participants compensations (transportation from home to testing venue) and snack food during testing
- dissemination of research results, poster printing, workshop, paper publication
- software for data processing
- consumables for data collection

Conditions of Funding:

The candidates must be prepared to present their work as a final report at an upcoming ISBS conference and acknowledge the grant if publishing a journal paper.

Review Process and Evaluation Criteria:

Six ISBS good standing members will form a review committee. VP for project and research development will be responsible for forming the reviewing committee. An evaluation scale will be developed and used in review process. Each of the application will be reviewed by two members of the committee. The top three proposals will be funded.

The following evaluation criteria are specific to this funding opportunity:

- fit of the research project to research objectives described above;
- excellence and suitability of the research project and training environment;
- The track record of the supervisor in one of more of the relevant research areas described above.

How to Apply:

Application will be submitted to VP for Research and Projects, Professor Jing Xian Li (jli@uottawa.ca) using e-mail by **May 20, 2014**. The grant announcement will be made through ISBS Newsletter and homepage.



Dr Jing Xian Li
ISBS Vice President (Projects and Research)

ISBS Awards 2014

Dear ISBS members,

Greetings from the Awards Committee!

The time has come to nominate candidates for the following awards:

**Geoffrey Dyson Lecturer,
Life Member of ISBS,
Fellow of ISBS.**

Successful candidates will be announced at the 32nd International Conference on Biomechanics in Sport, Johnson City, TN, USA (July 12 - 16). Please read the criteria for selection below and forward any nominations you would like to make to me by Wednesday 30th April, 2014. Only nominations submitted by this date will be considered by the ISBS Awards Committee for 2014. Check the list of previous recipients at <http://www.isbs.org/>.

Included are the criteria against which each nomination will be made below.

GEOFFREY DYSON LECTURER

The guidelines for selection of this - the most prestigious honour that can be bestowed by ISBS - are:

1. The candidate must have an international reputation in the field of sports biomechanics in keeping with the reputation of Geoffrey Dyson himself.
2. The candidate must have an interest in the applied nature of sports biomechanics and an ability to communicate with both the researcher and the practitioner.
3. A condition of acceptance shall be that the candidate delivers the Geoffrey Dyson Lecture personally.

How to Nominate

Members should email the VP of Awards including a one-page letter of support that outlines the research profile and major achievements of the candidate by Wednesday 30th of April, 2014. All nominations will be added to the list for consideration, however, after two years they will

be removed unless re-nominated.

LIFE MEMBER

A special membership category reserved for members who have made outstanding contributions to the Society. Elected by the Executive Council, a life member has all the privileges of membership but does not pay annual dues.

The criteria for Life membership are as follows:

1. The applicant must be a full member of ISBS for at least ten consecutive years,
2. The applicant must have two nominators, one of which must be an officer of ISBS,
3. The applicant must have made a significant contribution to ISBS. The categories may include, but are not limited to: (a) service to ISBS as an Executive Board member or Board Director, (b) service to ISBS as a conference host, and (c) a founding member of ISBS.

How to Apply

Send an email to the VP of Awards by Wednesday 30th April, 2014 that includes a one-page narrative about the applicant from two nominees, a current professional curriculum vitae, and a statement attesting to your ten consecutive years of ISBS membership.

FELLOW

The Fellow award of the International Society of Biomechanics in Sports (ISBS) recognizes substantial scholarly and service contributions to ISBS and Sports Biomechanics. ISBS members may apply to the Awards Committee for review for Fellow status by Wednesday 30th April, showing that they meet the minimum requirements for the award using the application form (download from www.isbs.org or email elizabeth.bradshaw@acu.edu.au). Members receiving the Fellow Award may use the title Fellow International Society of Biomechanics in Sports (FISBS).

Candidates for FISBS would normally have:

1. been an ISBS member for at least five

consecutive years.

2. presented at least one paper at two ISBS conferences.

3. published at least five sport biomechanics papers (minimum three as first author) in English, peer-reviewed scientific journals.

Papers submitted in support of Fellow nomination should be consistent with the ISBS focus on sport and bridging the gap between science and the coach/athlete. Therefore submitted papers should include biomechanical principles applied to a sport or sports, recovery from sports injury, physical activity/exercise that could lead to improved performance. Candidates for Fellow should state why their papers are relevant to sports biomechanics if it is not clear from the title.

4. served ISBS as either, (a) conference host, (b)

executive board member, (c) board director, (d) editor-in-chief or associate editor of the Sports Biomechanics journal, (e) executive editorial board or editorial advisory board member of the Sports Biomechanics journal, or (f) a significant contributor to the application of biomechanics in sport,

5. been nominated by a board member, executive member, or Fellow of the Society.

Thank you for your participation,



Dr Elizabeth Bradshaw
ISBS Vice President (Awards)

Hans Gros Emerging Researcher Award 2014 – Neil Bezodis



It is with great pleasure that we announce that Dr Neil Bezodis has been selected to receive the Hans Gros Emerging Researcher Award for 2014. Neil completed his PhD in 2009 at the University of Bath and is now a Senior Lecturer at St. Mary's University College. He is presently conducting and leading applied work with UK Athletics and the Rugby Football Union. Neil will be delivering a keynote presentation on "Research-informed practice and practice-informed research in sprinting and rugby union" at ISBS2014.



Dr Elizabeth Bradshaw
ISBS Vice President (Awards)



Dr Kimi Sato
ISBS2014 Chair

Call for hosting the 34th ISBS Conference in 2016

It is a great pleasure to launch the first call for hosting the 34th Conference of the International Society of Biomechanics in Sports in 2016 (ISBS 2016). According to the 'rotation principle' with respect to the geographical regions the ISBS 2016 should take place in *Asia/Australia*. In case of your interest in hosting this conference, please prepare your bid according to the attached 'Policies and Guidelines Manual for the Planning and Preparation of the ISBS Annual Conference' (ISBS Conference Manual 2012, available at <http://www.isbs.org>). This document should

contain all relevant information to prepare and organize an ISBS Conference.

Please submit an electronic file of the proposal to hermann.schwameder@sbg.ac.at not later than April 30, 2014. In case of any further information don't hesitate to contact me.



Dr Hermann Schwameder
ISBS Vice President (Conferences and Meetings)

Student Mentoring Program 2014



Are you an ISBS student member? Will you be going to the ISBS Conference this year? If so, apply for this year's ISBS Student Mentor Program when you register for the conference! Why? It is an exceptional opportunity to not only get in contact with the experts in our field in a friendly people orientated environment, but also our mentors will donate during the conference their time and experience to talk through research problems you might face, give career advice or just simply help you with networking in the sports biomechanics research field.

Building on the last 2 years ISBS Student Mentor Program, this year will again provide 2 mentoring session, with lots of space for discussion in a friendly atmosphere between students and well-versed scientist.

So here are the facts:

- All ISBS Student Members are welcome
- Registration will be via the online registration process for the conference.
- Deadline for registration is the 1st of May (this is also the early registration

deadline!)

- 2 sessions will be scheduled on Sunday 13th, (lunch) and Wednesday 16th (breakfast)
- Participation is free of charge
- The sessions will not interfere with the scientific program

Students new to this program, will be given priority, but depending on the registered numbers of students we will be happy to also serve those ones, who already participated last year. For further information about the program and registration please visit the conference homepage (<http://www.etsu.edu/academicaffairs/scs/isbs2014/registration.aspx>) or contact me (gstrutzenberger@cardiffmet.ac.uk).



Dr Gerda Strutzenberger
ISBS Director (2011-2013)

Preview of the 32nd ISBS Conference, Johnson City, TN, USA

ISBS 2014 CONFERENCE
12-16 JULY, 2014, JOHNSON CITY, TN, USA



ISBS 2014

JOHNSON CITY, TN

As we are near completion of the scientific paper review process, we are expecting over 200 scientific papers to be presented at the conference. We also have exciting line up of keynote speakers and applied session topics.

In this newsletter, we would like to highlight our applied session topics. Sports biomechanics embraces many areas of scholarship and professions. We invited speakers from sports medicine, clinical rehabilitation, and coaches along with leading researchers. We believe that this is important to share different perspectives and to create interdisciplinary opportunities for future collaboration. In the applied anatomy session, we offer conference delegates the opportunity to visit the ETSU Quillen College of Medicine Anatomy Laboratory to explore injury mechanisms such as ACL injuries, ankle sprains, PCL tears, and others. The anatomy experience will involve hands-on cadaver work. Our Olympic Training Site houses USA Weightlifting and USA Kayak/Canoe, and we will offer an applied session in the use of Olympic lifting for various sports. Again, all speakers' information for keynote lectures and applied sessions are posted on our website: <http://www.etsu.edu/academicaffairs/scs/isbs2014/program.aspx>.

We would also like to highlight our Pre-Conference event. We are offering a half-day introduction to our *Center of Excellence for Sport Science & Coach Education (CESSCE)* and how this program collaborates with University intercollegiate athletics. CESSCE supports a focus on research, education, and service intended to provide a distinctive national model and

leadership in sport performance and coach education. We have over 50 graduate students (MA & Ph.D.) assigned to work with ETSU athletic teams to serve as strength & conditioning coaches and/or sport scientists. In the morning session, we introduce how CESSCE was developed to work with ETSU sport coaches, and how we monitor athletes on daily basis. In the afternoon session, we will provide hands-on testing in our sport science lab and demonstrate test data returns to sport coaches. This will be a unique opportunity for anybody who is interested in working with University athletics and organization.

Finally, we have updated our website with more detailed information on student travel grants, student mentorship programs, an accompanying schedule, pre-conference event, and social events. If you have had trouble with registration and accommodation, we posted "step-by-step" instructions. Please visit our website. If you have any questions, contact us (2014ISBSinfo@gmail.com) and we will do our best to help you have a smooth trip and stay during the conference. We're excited to see you in Johnson City!



Dr. Kimitake (Kimi) Sato
Conference Host, ISBS 2014
ISBS Director (2013-2015)



Dr. William A. Sands
Scientific Committee Chair, ISBS 2014

Biomechanics and Medicine in Swimming (BMS2014) Conference, Australian Institute of Sport



The Biomechanics and Medicine in Swimming Conference is an international scientific conference that only occurs every four years and BMS2014 will be the 12th such conference. The conference has normally been held in European cities. BMS2014 will be held in Canberra, Australia from the 28th April to the 2nd May 2014. The conference programme will feature areas in Biomechanics (including computational fluid dynamics and new technologies), Physiology (including recovery), Strength and Conditioning, Nutrition, Medicine (including physiotherapy) and the social science area (including pedagogy). You are invited to participate as a delegate.

Researchers in the aquatic sports have submitted their aquatic research findings as a one page abstract and a six page paper to present as a 15 minute oral presentation at the conference. High profile international researchers including: J P Vilas-Boas Portugal (conference keynote), David Costell USA (nutrition keynote), Frank Fish USA (biomechanics keynote), Phillippe Hellard France (Physiology keynote), Rob Newton formerly from the USA but now Aust (Strength & Conditioning keynote), Ray Cohen Aust (Computational Fluid Dynamics keynote), Peter Fricker formally from Qatar but now Aust (Medicine keynote), Peter Blanch Aust (Physiotherapy keynote) and Steve Langendorfer USA (Social Sciences keynote) will be providing 45minute presentations in key areas of interest in their chosen research fields.

This particular conference will feature for the first time a strong Swim Coaching area on the first full day of the conference with International Head Swimming Coach Bill Sweetenham giving the

keynote lecture for the coaching stream.

Andrei Vorontsov former national head coach from Russia but now Sweden is presenting a 45 minute invited presentation looking at how sport science/medicine is utilized in a number of different high performance national swim programmes. Senior Coach John Fowlie from Australia and Senior Coach Ben Titley from Canada will give practical pool demonstrations in this first full day of the conference illustrating how they use sport science in their coaching programmes. The organizing committee is hoping that the conference will attract many new delegates from Australia, New Zealand, Japan, China, Korea, Taiwan and the USA. For further information: <http://www.bms2014.com.au/>.

There will also be a pre-conference workshop in Sydney prior to the BMS2014 conference, commencing for delegates flying into Sydney on the Friday, 25th April 2014. The pre-conference workshop will enable delegates to visit the home of the Sydney Olympics and the NSW Institute of Sport and witness the Saturday morning training session in the Sydney Olympic Aquatic Centre where such swimmers as James Magnusson train. The workshop will also provide delegates with the opportunity to see parts of the city with accompanying guides on the Saturday evening and the Sunday. Delegates will be transported to Canberra on a scenic trip down the NSW South Coast by bus on Monday, 28th April.



Dr Bruce Mason
ISBS Director (2013-2015)

ISBS Sponsors

The society would like to thank the corporate sponsors of ISBS: Sensix, Contemplas, RSscan, and Simi. These sponsors provide important support to the mission of ISBS through their quality products and financial support to the society. Remember to consider these fine vendors of sports biomechanics research equipment and software when updating your lab. Contact Dr.

Wolfgang Potthast, Vice President (Public Relations) for more information about ISBS sponsorship



Dr Wolfgang Potthast
ISBS Vice President (Public Relations)



ISBS Officers

- President: Joseph Hamill, University of Massachusetts, Amherst, USA (jhamill@kin.umass.edu)
- Past-President: Drew Harrison, University of Limerick, Ireland (drew.harrison@ul.ie)
- Secretary General: Randall Jensen, Northern Michigan University, USA (rajensen@nmu.edu)
- Treasurer: Manfred Vieten, University of Konstanz, Germany (manfred.vieten@uni-konstanz.de)
- VP Awards: Elizabeth Bradshaw

- (elizabeth.bradshaw@acu.edu.au)
- VP Conferences & Meetings: Hermann Schwameder, University of Salzburg, Austria (hermann.schwameder@sbg.ac.at)
- VP Projects and Research: Jing Xian Li, University of Ottawa, Canada (jli@uottawa.ca)
- VP Public Relations: Wolfgang Potthast, Cologne Sport University, Germany (potthast@dshs-koeln.de)
- VP Publications: Daniel Fong, Loughborough University, UK (d.t.fong@lboro.ac.uk)

ISBS Directors

2012-2014:

- Jacqueline Alderson, University of Western Australia, Australia
- Ross Anderson, University of Limerick, Ireland
- Peter Chenfu Huang, National Taiwan Normal University, Taiwan
- Young-Hoo Kwon, Texas Woman's University,

USA

- Young-Tae Lim, Konkuk University, Korea
- Simon Pearson, High Performance Sport New Zealand, New Zealand
- Karen Roemer, Central Washington, USA
- Chien-Lu Tsai, National Taiwan Normal University, Taiwan
- Cassie Wilson, University of Bath, UK

- Bing Yu, University of North Carolina – Chapel Hill, USA

2013-2015:

- Kevin Ball, Victoria University, Australia
- Senshi Fukushima, The University of Tokyo, Japan
- Chengtu Hsieh, California State University, Chico, USA
- Gareth Irwin, Cardiff Metropolitan University, UK
- Justin Keogh, Bond University, Australia
- Duane Knudson, Texas State University, USA

- Bruce Mason, Australian Institute of Sports, Australia
- John Ostarello, California State University, East Bay, USA
- Kimitake Sato, East Tennessee State University, USA
- Gerda Struzenberger, University of Salzburg, Austria



[Edited by Dr Daniel Fong, Vice President (Publications)]