

## SGS 2024 - Program at a Glance - Wednesday, 7 February 2024, Day 1

Detailed Program @ <https://www.conftool.com/sgs2024/sessions.php>

09:00 - 09:15	<b>Welcome Address</b>				HCI G3
09:15 - 10:00	<b>Keynote I: Bidirectional Link between Gut Microbiota and Exercise Tolerance</b> (Prof. Sara C. Campbell, The State University of New Jersey, New Brunswick, NJ, USA)				HCI G3
45'	Coffee & Exhibition (Industry & Posters)				HPH Foyer
10:45 - 11:30	<p>Symposium - HCI G3</p> <p><b>Sport Management in Europe: Perspectives and Implications for Practice</b></p> <p>Speakers: C. Klenk, M. Mrkonjic, D. Schwizer</p>	<p>Symposium - HCI J4</p> <p><b>Understanding Meaning in Sport and Physical Culture: Empirical and Methodological Insights</b></p> <p>Speakers: N. Ronkainen, V. Oblinger-Peters, M.J. Schmid</p>	<p>Symposium - HCI J6</p> <p><b>Advances in Sleep Science and Athletic Performance</b></p> <p>Speakers: S. Huiwiler, A. Vorster, E. Peters</p>	<p>Oral Presentations - HCI H8.1</p> <p><b>Molecular Musings: Sprint Training, Vascular Fitness, and Cardiovascular Health</b></p> <p>Speakers: C. Lanfranchi, S. Kojic, C.M. Hauser</p>	
10'	Short Break				HCI
11:40 - 11:55	<b>A Glimp at Sports- and Health-related Technology of Tomorrow</b>				HCI G3
5'	Information to Sports Event				HCI G3
12:00	<b>Networking Sports Event</b>				Outdoors
13:00	Lunch & Exhibition (Industry & Posters)				HPH Foyer
14:00 - 14:45	<p>Oral Presentations - HCI G3</p> <p><b>Challenges for Sports: Maltreatment, Social Integration and the Environment</b></p> <p>Speakers: L. Schwab, H. Truskewycz, S. Piller</p>	<p>Oral Presentations - HCI J4</p> <p><b>Unveiling Sex-linked Dynamics in Physiological Responses and Injury Risks in Sports</b></p> <p>Speakers: G. Tagliapietra, M.C. Haas, R. Ledergerber</p>	<p>Oral Presentations - HCI J6</p> <p><b>Insights into Cognitive and Motor Interplay: Gaze Behavior, Task Consolidation and Interference in Learning</b></p> <p>Speakers: C. Vater, S. Egger, M. Bugnon</p>	<p>Oral Presentations - HCI H8.1</p> <p><b>Perspectives on Sweat and Comfort in Sports: A Trio of Explorations</b></p> <p>Speakers: A. Hertig, V. Galli, I. Jerkovic</p>	
10'	Short Break				HCI
14:55 - 16:35	<p><b>Young Investigator Award: Finalists' Presentations - HCI G3</b></p> <ul style="list-style-type: none"> <li>- Improved Subjective Sleep Quality After Three Months of Balance Learning in Older Adults - S. Scherrer</li> <li>- Muscle Geometry and its Relevance for Sports Performance? A Perspective of Current Findings and Future Opportunities - P. Ritsche</li> <li>- Effects of Pulse Width and Frequency on Evoked Responses in Electrostimulation: Comparison Between Three Muscle Groups - T. Popesco</li> <li>- Brain-IT: Targeting the Brain Using Information Technology for Secondary Prevention of Mild Neurocognitive Disorder - P. Manser</li> <li>- Load and Recovery Monitoring in Swiss Top-Level Youth Soccer Players: Exploring the Associations of a New Web Application-Based Score with Recognised Load Measures - J.M. Anderegg</li> </ul>				
30'	Coffee & Exhibition (Industry & Posters)				HPH Foyer
17:05 - 17:50	<p>Symposium - HCI G3</p> <p><b>Gender and Diversity Concepts in Sport and Physical Education: long-standing Issues, current Developments, future Prospects</b></p> <p>Speakers: C. Hayoz, E. Gramespacher, K. Heckemeyer</p>	<p>Symposium - HCI J4</p> <p><b>Navigating the Athletic Lifecycle: Insights into Transitions, Influences, and Retirement in Elite Sports</b></p> <p>Speakers: N. Ackeret, P. Koch, H. Hlasvoa</p>	<p>Oral Presentations - HCI J6</p> <p><b>Innovations in Knee Health and Sports Performance Analysis: Insights from Alpine Skiers to VR-Tennis</b></p> <p>Speakers: J. Hanimann, C. Ahmadzadeh, D. Beck</p>	<p>Oral Presentations - HCI H8.1</p> <p><b>Wearable Insights: Novel Approaches to Physical Activity Monitoring and Cardiovascular Assessment</b></p> <p>Speakers: J. Stutz, F. Schwendinger, M. Meier</p>	
10'	Short Break				HCI
18:00	<b>General Assembly SGS/4S</b>	HCI G3	<b>Exhibition (Posters &amp; industry)</b>	HPH Foyer	
	Transfer to Bellavista				Outdoors
19:00	<b>Apéro &amp; Dinner - YIA Ceremony</b>				Bellavista

## SGS 2024 - Program at a Glance - Thursday, 8 February 2024, Day 2

08:30 - 09:15	<b>Keynote II: Virtual Reality: Taking Sports Performance to the next Level</b> (Prof. Cathy Craig, Ulster University, Coleraine, UK)					HCI G3
45'	Coffee & Exhibition (Industry & Posters)					HPH Foyer
10:00 - 10:45	<p>Symposium - HCI G3</p> <p><b>Current Issues in Sport Organization Research</b></p> <p>Speakers: R. Bürgi, R. Stieger, J. Clausen</p>	<p>Symposium - HCI J4</p> <p><b>Mental Health and Substance Use in Swiss Elite Para-Athletes</b></p> <p>Speakers: L. Lüdi, M. Lardi, N. Kiselev</p>	<p>Symposium - HCI J6</p> <p><b>Physical Activity Promotion in Swiss Pediatric Oncology</b></p> <p>Speakers: A.C. Schneider, J. Schmid, F. Streckmann</p>	<p>Oral Presentations - HCI J7</p> <p><b>Eccentric Training Approaches and Beyond: Empowering Athletes to Patients</b></p> <p>Speakers: F. Ammann, T. Citherlet, J. Müller</p>	<p>Oral Presentations - HCI H8.1</p> <p><b>Unmasking Respiratory Challenges: From Hypoxia to Normoxia, and Environmental Exposures</b></p> <p>Speakers: A. Raberin, K. Boyle, N. Bourdillon</p>	
10'	Short Break					HCI
10:55 - 11:25	<p>Workshop - HCI G3</p> <p><b>Spiroergometry and High-Low FIO<sub>2</sub> - Altitude Training</b></p> <p>Linde</p>	<p>Workshop - HCI J4</p> <p><b>The Role of Eucapnic Voluntary Hyperpnea Challenges in the Diagnosis and Management of Lower Airway Dysfunction in Physically Active Patients and Athletes</b></p> <p>Schiller Schweiz AG</p>	<p>Workshop - HCI J6</p> <p><b>Imaging in Movement: How New Developments Can Help Measure Physiological Parameters in Sports Science</b></p> <p>Neuroлите AG</p>	<p>Workshop - HCI J7</p> <p><b>Mobile, Accurate, Effective: 3D Analysis of Athletic Movements with Xsens IMUs</b></p> <p>Prophysics AG</p>		
15'	Short Break					Transfer to HPH Foyer
11:40 - 12:50	Poster Presentations & Discussions - HPH Foyer					
	<p><b>From Individual Adaptations to Technological Innovations: Insights into Training, Recovery, and Mobility in Athletic Lifestyles</b></p> <p>Presenters: N. Zanou, S. Brefin, W. de Vries, M. Nolè, G.-A. Baumann, K. Biedermann, V. Nagorna</p>	<p><b>Elegance in Tech: Advancements in Wearables, Physiology, and Performance Assessment</b></p> <p>Presenters: E. Jeisy, C. Leitner, B.C. Hannigan, M. Meier, M. Camenzind, U. Minder, R. Schilling</p>	<p><b>Exploring Minds and Movements: Insights from Cognitive, Biomechanical, and Mental Health Perspectives in Sports Practice</b></p> <p>Presenters: M. Walter, M. Wälchli, M.C. Haas, A. Jorge, M. Simonet, B. Vukojević</p>	<p><b>Cardiovascular, Environmental, and Genetic Factors in Exercise Responses: Clinical Insights and Mechanistic Understanding</b></p> <p>Presenters: F. Beltrami, J. Müller, S.R. Schneider, M. Flück, L. Finiel</p>	<p><b>Global Perspectives on Sport Governance, Health Interventions, and Lifestyle Patterns: Insights and Strategies for a Safer, Healthier World</b></p> <p>Presenters: S. Weber, F. Knappe, P. Arnaiz, V. Hohberg, M. Bühner, R. Shiran, B. Carr</p>	
55'	Lunch & Exhibition					HPH Foyer
13:45 - 14:30	<b>Keynote III: The Molecular Athlete: Skeletal Muscle Plasticity in Exercise</b> (Prof. Christoph Handschin, University of Basel, CH)					HCI G3
15'	Short Break					HCI
14:45 - 15:30	<p>Oral Presentations - HCI G3</p> <p><b>Pedagogy in Motion: Students' Attitudes, Teaching Quality, and Motor Competencies in Sports Education</b></p> <p>Speakers: A.-C. Roth, F. Studer, K. Bretz</p>	<p>Oral Presentations - HCI J4</p> <p><b>Fostering Mental Health and Active Lifestyles: Perspectives from Sports Programs and Youth Participation</b></p> <p>Speakers: F. Epiney, C. Lang, J. Hänggi</p>	<p>Oral Presentations - HCI J6</p> <p><b>Exploring Mental and Physical Aspects of Climbing and Recovery Techniques: Insights and Implications</b></p> <p>Speakers: C. Mikutta, P. Wolf, E. Lichtenstein</p>	<p>Oral Presentations - HCI J7</p> <p><b>Performance and Recovery in Elite Athletes</b></p> <p>Speakers: E. Bucher, B. Krumm, P. Eggenberger</p>	<p>Oral Presentations - HCI H8.1</p> <p><b>Decoding Motor Challenges: From Fatigability to Fall Discrimination and Parkinson's Mobility</b></p> <p>Speakers: C. Heinhofer, J. Seinsche, S. Köchli</p>	
10'	Short Break					HCI
15:40 - 16:00	<b>Orienteering Ceremony - Closing Remarks</b>					HCI G3