

Thursday 26.09.2024

10:00	Registration <i>Entrance main building</i>	10:00
11:00	Markerless Workshop <i>Labor Pulverturm</i>	11:00
13:00	Break	13:00
15:00	Opening Ceremony <i>HS 1</i>	15:00
15:30	Keynote Speaker: Sigmund Loland "The sport sciences and knowledge transfer: limitations and possibilities" <i>Chair: Peter Federolf, room: HS 1</i>	15:30
16:30	Coffee Break	16:30
17:00	Meetings of ÖSG-Working- Groups (Sektionstreffen) <i>HS 1, HS 2, MZR</i>	17:30
	Campustour <i>start at main entrance</i>	17:30
18:45	Reception and Snacks <i>in front of HS 1</i>	18:45

Friday 27.09.2024

6:30	Early Bird Run			6:30	
	Session 1a Mountain Sports, Hypoxia and Mental Health <i>Chair: Martin Kopp, room: MZR</i>	Young Investigator Award Session 1 <i>Chair: Peter Federolf, room: HS 1</i>	Session 1b Sports Management, Economy and Tourism <i>Chair: Martin Schnitzer, room: HS 2</i>		
8:15	Niedermeier N. Mountain Sport Activities, Affective State, and Mental Health – A Narrative Review	Koller W. Advanced multi-scale mechanobiological simulations enable the distinction between healthy and pathological bone growth patterns	Staudegger J. Open Strategy of Public Administration in Sports	8:15	
8:30	Hüfner K. Three distinct patterns of mental health response following accidents in mountain sports – a follow-up study of individuals treated at a tertiary trauma center	Bischof K. Impact of collagen peptide supplementation together with long-term resistance training on maximal strength and muscle size in healthy adults – A systematic review and meta-analysis	Moustakas L. Sport for Development and Policy Advocacy: Mapping the Field	8:30	
8:45	Registration	Schipplick F. Do acute mountain sickness and psychiatric disorders show overlapping symptoms?	Moitzi A. Effects of long-term periodized carbohydrate intake on body composition, substrate metabolism and running performance in recreational active men: a pilot trial	Graiff L. Harmony in Heights – A Comparative Analysis of Self-Perception and External Image of Austrian Cable Car Operators' CSR Behavior	8:45
9:00		Burtscher J. Synergy of exercise and hypoxia for brain health and aging	Hofstätter F. Effects of 8-weeks of daily time restricted feeding and aerobic exercise on fat oxidation – a randomized controlled trial.	Aigner G. Snowmaking in Austria: Energy consumption, water turnover, CO2 emissions	9:00
9:15		Peprnicek C. Effects of 4 weeks of device-induced normobaric intermittent hypoxia/hyperoxia training on the performance of elite cyclists: A pilot study	Zwölfer M. Integration of a skier-specific keypoint detection model in a hybrid 3D motion capture pipeline	Frenger M. Attention Economy in professional football: an individual perspective of social media marketability of European football player	9:15
9:30		Jaén-Carrillo D. Reverse Periodization in Ultratrail: The Road to the 2023 World Mountain and Trail Running Championships of an elite female ultrarunner	Mazzolari R. Differences in acute responses and chronic adaptations according to the exercise intensity reference method in previously inactive individuals	Barth M. Talent Identification in Soccer: A Systematic Review and Meta-analysis	9:30
9:45		Coffee Break in front of HS 1			9:45
10:15		Keynote Speaker: Yolanda Demetriou "Active Mobility. Health. Environment. A topic for Sport Science?" <i>Chair: Martin Schnitzer, room: HS1</i>			10:15
11:15	Changeover Break			11:15	

Session 2a Movement analysis in the ‘wild’ – using wearable technology to study athletic, pathological, and occupational movements in natural environments (Invited Session)		Young Investigator Award Session 2	Session 2b Gender and Psychological Aspects of (Youth) Sports	
<i>Chair: Bernd Stetter, room: MZR</i>		<i>Chair: Barbara Wessner, room: HS 1</i>	<i>Chair: Christian Raschner, room: HS 2</i>	
11:30	Dindorf C. From Lab to Field with Machine Learning: Bridging the Gap for Movement Analysis in the ‘Wild’	Kaufmann P. Human motor control during movements with high demands	Pfleiderer L. De-tabooing the menstrual cycle in sports – A qualitative approach	11:30
11:45	Bittendorf C. Development of an IMU-based Motion Capture System for Swimming	Siddiqui S. Detection of frictional meltwater on snow surface using a humidity indicator	Weber A. Gender-specific images of the athletes' body in workers' sport in Austria from 1945-1971	11:45
12:00	Weber J. Effects of Different Wearable Sensors and Locomotion Tasks on Machine Learning-Based Joint Moment Prediction	Bischofer T. The impact and sustainability of the prevention project 3! Winter Life Camp on young people’s knowledge of accident prevention and response in winter alpine terrain	Abdoli M. Eating disorders, body image, emotion regulation, and self-esteem in adults: A systematic review	12:00
12:15	Kühne M. Comparison of joint kinematics from optical marker-based and inertial sensor-based motion capture during change-of-direction movements	Weingartmair E. Epidemiology in sailing: a systematic literature review including suggestions for injury prevention	Mittermeier R. Dropout in elite sports: which stressors and resilience factors are perceived in youth sport climbing?	12:15
12:30	Reimeir B. Neil Armstrong’s digital twin: an integrative approach for movement analysis in simulated space missions	Ebenbichler M. Coupling a finite element knee model with musculoskeletal multibody simulations, a case study	Danner M. Reflection competence in focus: A triangulation to assess reflection competence of youth soccer coaches	12:30
12:45		Wälde J. Decision-Making under Heat Stress: Examining Risk-Taking and Reflection Impulsivity Dynamics in the Context of Fatigue and Vitality		12:45
13:00	Lunch Break at the USI Café		Movement Break Gym 6	
14:30	Keynote Speaker: Mathieu Falbriard "From the lab to a startup: how innovation gatherings fostered an idea for a technology used by professional sports teams" <i>Chair: Maurice Mohr, room: HS 1</i>			14:30
15:30	Changeover Break			15:30

Session 3a: Sports Technology		Session 3b: LIFE Tirol Study and Physical Activity		Session 3c Physical Education and Youth Sport	
<i>Chair: Bernhard Hollaus, room: MZR</i>		<i>Chair: Linda Rausch, room: HS 1</i>		<i>Chair: Gerhard Ruedl, room: HS 2</i>	
15:45	Hollaus B. Sports technology	Widschwendter M. Conducting a large scale lifestyle intervention study		Cocca A. Does enjoyment mediate the effect of teachers' hard and soft skills on their students' motivation in the Physical Education setting?	15:45
16:00	Mueller S. Messrodel - Practise Report	Widschwendter M. Report on the LIFE and SUN Tirol study		Tanous D. Secondary school randomized controlled interventions with a minimum dual approach to health and the links to BMI in pupils: a systematic review and meta-analysis within the project From Science 2 School	16:00
16:15	Schneider F. Ski Jump Judge: Machine learning-based distance measurement in ski jumping	Rausch L. Comparison of a guided assessment and an App-based assessment of physical activity using the Global Physical Activity Questionnaire (GPAQ)		Kunz J. Affective experiences from school physical education in children and adolescents.	16:15
16:30	Kreiner J. VRodel - A Virtual Sledding Simulator	Schöttl S. Exercise as add-on therapy for smoking cessation in people with mental illness		Wirnitzer K. Prevention 1st by State Mandate – Health Promotion as an Overarching Educational Goal and Teaching Principle in Primary School Curricula: a Comparison between Austria, Germany and Switzerland	16:30
16:45	Demuth L. Force-velocity profiling in elite luge athletes during the simulated luge start	Kogler A. Physical Activity Behavior in Times of COVID-19 – A Longitudinal Study in the Alpine Regions of Austria, Germany, and Italy		Wachholz F. Motivational Differences for Physical Activity and Gaming - Do the Perceived Motives of Parents Differ from those of their Children?	16:45
17:00	Fischer J. The Correlation of Muscle Morphology with Variations of 10-Repetition Maximum Bench Press Strength in Resistance-Trained Subjects				17:00
17:15	Coffee and Snack Break <i>in front of HS 1</i>				17:15
17:45	Exchange Forum (Verkürzung Lehramtstudium), <i>HS 2</i>	Postersession, Chair: Inge Werner, room: MZR			17:45
	Asare M. (1) Exploring the perceptions of coach educators on coaching reputation as an influence on athlete creativity.	Poecco E. (4) Impact of a self-defense and self-assertion course on self-confidence and self-assurance of adult women in Tyrol, Austria	Hagenauer J. (8) Telemedicine-assisted exercise program (TAEP) for coronary heart disease		
	Motevalli M. (2) Advancing school education: A proposal for modernizing the school subject "Physical Education" for today's needs	Kendlbacher S. (5) Mut zur Veränderung. Herausforderungen des Bewegungs- und Sportteils in der österreichischen Freizeitpädagogik.	Wirnitzer K. (9) Exercise is Medicine – Mind the Gap: Associations of physical activity, alcohol and nicotine consumption with diet types in secondary and tertiary education students: results of two Austria nation-wide studies		
	Mohr M. (3) Gait stability in postpartum runners: A pilot study to inform the development of evidence-based return-to-running guidelines following childbirth	Hösl B. (6) A study on acute expectation effects on affective state and intention after a brief full-body workout in a student sample	Brandt T. (10) Resistance exercise snacks as a workplace health intervention		
		Poecco E. (7) Sex/gender differences in injury rates, types of injuries, and potential risk factors of adult recreational mountain-bikers in Tyrol	Schlie J. (11) Garmin Fénix 7 underestimates pace and heart rate at lactate threshold compared to a standardized lactate field test		

19:00	Joint Bike Ride to Baggersee	19:00
19:30	Congress Dinner: Young Investigator Awards & Honors <i>Restaurant Deck 47</i>	19:30

Saturday 28.09.2024

7:45	members assembly (quorate)	
8:00	registration	
8:15	Members Assembly Board Meeting <i>HS1</i>	
9:15	Innovation Workshop <i>Gym 8</i>	Movement Break <i>Gym 6</i>
11:15	Coffee and Snack Break <i>in front of HS 1</i>	
11:45	Keynote Speaker: Günther Amesberger "Handlungsfähigkeit: eine interdisziplinäre und persönliche Herausforderung!" <i>Chair: Thomas Finkenzeller, room: HS 1</i>	
12:45	Changeover Break	

Session 4a Motor Control & Stretching		Session 4b Invited session: Aware of diversity, digitally savvy, competence-oriented and socially just? Challenging demands and expectations of contemporary physical education	Session 4c Sports Medicine & Exercise Science	
<i>Chair: Markus Tilp, room: HS 2</i>		<i>Chair: Benjamin Niederkofler, HS 1</i>	<i>Chair: Anne Hecksteden, room: MZR</i>	
13:00	Slunecko M. Postural sway in static balance tasks can be estimated using linear accelerometry without correcting for gravitational forces	Intro Aware of diversity, digitally savvy, competence-oriented and socially just?	Hecksteden A. Do they really return to early? Investigating the causal effect of rehab time on injury risk after return to play in elite football	13:00
13:15	Werner I. Performance deterioration by internally focused instructions significantly depends on task relevance and possible movement pattern integration to optimize goal achievement	Ruin S. Objectification or experience? A critical examination of fundamental pedagogical categories in digital health education	Calisti M. Which jump test is most sensitive for classifying ACL injury history in fatigued or non-fatigued athletes?	13:15
13:30	Debertain D. How does running technique change with running speed? A quantitative analysis based on practice-informed principal components	Heidrich F. Socially Just Teaching Practices in Physical Education – The Teachers’ Perspectives	Treff G. An updated concept of the polarization index enables the integration of three intensity zones in one number and identifies polarized training in an extended definition range	13:30
13:45	Plöschberger G. Acute and chronic effects of stretching on balance – a systematic review with multilevel meta-analysis	Niederkofler B. Promotion of basic motor competencies through pupils’ ability, knowledge, and willingness. Effects of an 8-week PE program in 2nd and 4th grade	Mosser N. Comparison of local muscle oxygenation and whole-body VO ₂ during incremental exercise	13:45
14:00	Warneke K. The Effects of Stretching on Running Economy – A Systematic Review with Meta-Analysis	Haas S. Exploring Diversity in PE Teacher Training: Immersive Learning Challenges & Potentials	Raidl P. The Acute Stress Response To Two Different Laboratory Stress Tests In Physically Active Individuals – A Pilot Study	14:00
14:15	Warneke K. When hearing hoof beats from behind, expect horses, not zebras” – what flexibility research should adopt from scientific philosophy. A critical perspective on available evidence	Kölbel M. Sporting Pathways to Integration: A comprehensive study on the integration of Ukrainian teenage war refugees through sports initiatives		14:15
14:30	Closing Ceremony <i>HS 1</i>			14:30