

TIME	SUNDAY April 7, 2019	MONDAY April 8, 2019	TUESDAY April 9, 2019	WEDNESDAY April 10, 2019	THURSDAY April 11, 2019	FRIDAY April 12, 2019
7:45 - 8:15		REGISTRATION (PALISADES)	REGISTRATION (PALISADES)		REGISTRATION (PALISADES)	REGISTRATION (PALISADES)
8:15 - 8:30		WELCOME AND INTRODUCTION	INTRODUCTION		INTRODUCTION	INTRODUCTION
8:30 - 8:45						
8:45 - 9:00		KEYNOTE Tuscany The Real Side of Safety	KEYNOTE Senner International Standards for Ski Boots and Bindings: Two Steps Behind the Market?		KEYNOTE Greenwald Current State of the Science in Helmet Technology Related to Winter Sports	KEYNOTE Dickson Looking Beyond Injuries: Will a "Social License to Operate" Benefit Snowsports?
9:00 - 9:15						
9:15 - 9:30		EPIDEMIOLOGY Moderator: R. Johnson Shealy How Many Ski and Snowboard Injuries in the US Per Year?	EPIDEMIOLOGY Moderator: C. Wurm Burgi Key Factors for an Accurate Ski Binding Setting in Switzerland		EPIDEMIOLOGY Moderator: N. Petrone Bailey Evaluating Helmet Performances During a Head-Snow Impact	EPIDEMIOLOGY Moderator: A. Terweel Schlemmer Do Low-Priced Ski Passes Lead to an Increase in Participation and Health Promotion? A Case Study of the Leisure Card Tirol
9:30 - 9:45		Dickson Snowsport Injury Trends in Western Canada for the Decade 2008-2009 to 2017-2018	Howell Lateral-Heel Release Settings for Alpine Ski-Bindings that Address Abduction Loading		Scher Modeling Skier Kinematics During Falls: Examining the Effect of Catching an Edge	Urabe Trend of the Situation of Skiing and Trauma Injuries in Japan
9:45 - 10:00		Laporte Update on Head and Spinal Injury Trends Since 1992 in the French Ski Resorts	Hermann Sensing the Skier: Towards A Mechatronic Ski Binding		Mössner A 3D Musculoskeletal Simulation Model for Alpine Skiing	Dickson Participants' Perceptions of Contributing Factors in Snowsport Terrain Park Falls and Injury
10:00 - 10:15		BREAK	QUESTIONS		QUESTIONS	Roberts A Review of Safety Aspects of Contact Features in the Terrain Park
10:15 - 10:30		EPIDEMIOLOGY Moderator: H. Holzer Shealy Skiing and Snowboarding Related Emergency Department Visits in California	BINDINGS Scher Geometric Considerations for Alpine Touring Tech/Pin Systems		BREAK	QUESTIONS
10:30 - 10:45		Horan Wilson Injury Patterns in Elite Youth Full-Time Alpine Ski Racers Over 2 Seasons	Hüper Quantification of Functional Parameters of Modern Alpine Touring Ski-Bindings in Interaction with the Touring Ski-Boot		Stepan Inverted Impacts onto Snow Park Air Bags: Potential for Severe Head and Neck Injury	BREAK
10:45 - 11:00		Vidal Distribution of Knee Injuries in Downhill Skiers Matching Group Age and Specific Diagnosis	Blake Directional Compression Tights Reduce Ground Reaction Force but Preserve Dynamic Stability During Alpine Skiing		Richards Can Safety Hurt: Examining Injury Potential in B-net Impacts Using MADYMO Simulations	Nachbauer Attempt to Predict Injuries of Female Junior Alpine Ski Racers on the Basis of Fitness Parameters
11:00 - 11:15		Panel Discussion on the Future of Snow Sport Safety: A. Ekeland, R. Johnson, M. Lamont, J. LaPorte, H. Lystad, J. Shealy	Petrone The Effect of Foot Setting on Kinematic and Kinetic Skiing Parameters of an Elite Paralympic Skier During Giant Slalom		Dorsemaine Factors Influencing Variability of Safety Mattress Performances: Preliminary Results	Decker Injury Risk Reduction of Professional Ski Instructors
11:15 - 11:30			QUESTIONS		Seifert The Influence of Directional Compression Tights on Muscle Function During Three Consecutive Days of Alpine Skiing	Dickson Terwiel Changes in Somatosensory Scores in Elite Adolescent Snowsport Participants After 11 Weeks of Training and Racing
11:30 - 11:45		LUNCH ON YOUR OWN AND OUTDOOR FREE TIME	QUESTIONS		QUESTIONS	Dickson Terwiel Changes in Somatosensory Scores in Snowsport Professionals After 4 Weeks of Dryland Training: Research in the Real World
11:45 - 12:00		ISSS BOARD MEETING	NATIONAL SECRETARIES MEETING		GENERAL ASSEMBLY MEETING (MEMBERS ONLY)	QUESTIONS
12:00 - 13:00						LUNCH ON YOUR OWN AND OUTDOOR FREE TIME
13:00 - 14:30			LUNCH ON YOUR OWN AND OUTDOOR FREE TIME		LUNCH ON YOUR OWN AND OUTDOOR FREE TIME	
14:30 - 14:45		KEYNOTE Byrd Reitzell State of the U.S. Ski Industry: Successes, Challenges, Myths & Trends				
14:45 - 15:00						
15:00 - 15:15		KEYNOTE J. Rice Petrozzi An Objective, Systematic, Criteria-Driven Approach to On-Slope Risk Management in the Mountain Resort Setting	ISEA Newton-Mann How the International Sports Engineering Association Supports Snow Sport Safety		UPPER EXTREMITY Moderator: M. Lamont Allen Progress and Challenges in Developing a Standard for Snowboard Wrist Protectors	TECHNOLOGY Moderator: T. Allen Petrone Advanced in the Study of Concussion Mechanism Using an Instrumented Human Head Surrogate
15:15 - 15:30		Burgi Terrain Park Injuries in Switzerland	BIOMECHANICS 1 Moderator: V. Semmer Marchesini Analysis of Knee Kinematics During Skiing and Simulated Risky Maneuvers Using an Instrumented Knee Brace		Newton-Mann Comparison of a Finite Element Model for Snowboard Wrist Protectors Against an Impact Test	Hasler The Effect of Different Garment Fabrics on the Speed in Alpine Skiing
15:30 - 15:45		Hamilton Scambio Practical Terrain Park Jump Design Based on Field Experience	Wilson The Effect of Canting on Knee Moments in Recreational Alpine Skiers		Leslie Development of a Tissue Simulant to Improve Assessment of Snowboarding Wrist Protectors	Brown Sit Ski with Dynamic Controls
15:45 - 16:00		Bettera Changing Dynamics of Pipe and Slopestyle Event Course Design and the Future of Resort Terrain Parks	Wilson Effects of Common Ski Boot Adjustments on Balance in Recreational Alpine Skiers		Smit Thumb Protection System	QUESTIONS
16:00 - 16:15		QUESTIONS	Lee The Effects of Ski Boots on uCOF and Knee Kinematics During Walking		Vidal Acromio-Clavicular Injuries. Prevalence at Our Ski Resort	BREAK
16:15 - 16:30		BREAK	QUESTIONS		QUESTIONS	
16:30 - 16:45		BREAK	BREAK		BREAK	
16:45 - 17:00		REGISTRATION (PALISADES) Harley A Controlled Study of Skier Compliance with Posted "Slow" Signs and Ski Patrolters	JUMP MODELING Moderator: I. Scher Gligien Towards More Valid Simulations of Slopestyle and Big Air Jumps		OTHER MOUNTAIN ACTIVITIES Moderator: J. Shealy Willick The Nica Injury Surveillance System: Injuries in Youth Mountain Bike Racing	TREATMENT & HEALTH OUTCOMES Moderator: H. Lystad Ekeland Similar Risk of ACL Graft Revision for Alpine Skiers, Football and Handball Players, but Those ≤ 18 Years Had 5 Times Higher Rate of Graft Revision than Those ≥ 35 Years
17:00 - 17:15		Baughner Snow Immersion Suffocation - Recent Trends	Wolfsperger Towards More Valid Simulations of Slopestyle and Big Air Jumps: Aerodynamics During In-Run and Flight Phase		Cruise An Epidemiological Study of Mountain Biking Injuries Treated in Emergency Departments in the United States	Yoon Lessons Learned from 2018 Pyeong-Chang Winter Olympic Games: What You Have to Pack in Your First Aid Back Pack for Ski Alpine Race
17:15 - 17:30		De Filippi Aiok: Towards the First AI Engine for Skier Safety	Wolfsperger Towards More Valid Simulations of Slopestyle and Big Air Jumps: Snow Friction During In-Run		Petrone Acquisition and Analysis of Rider-Bicycle Interactions During Downhill Trail Jumps	Eun Field of Play Medical Service for the Alpine Ski Speed Event in the 2018 Pyeongchang Winter Olympic Games
17:30 - 17:45		Heer Ski Patrol Database and the Visualisation of Injury Data	Hubbard Accessible, Open-Source Computational Analysis and Design of Terrain Park Ski Jumps		Stepan Quantifying Snow Tube Deceleration Techniques: A Preliminary Study of Deceleration Mats	QUESTIONS
17:45 - 18:00		Gregorie Assessing and Assuring Effective Safety Management at California Ski Resorts	QUESTIONS		QUESTIONS	
18:00 - 18:15		OPENING RECEPTION				
18:15 - 19:00		SQUAW VALLEY CONFERENCE CENTER				
19:00 - 20:30		DINNER ON YOUR OWN	DINNER ON YOUR OWN	DINNER ON YOUR OWN	DINNER ON YOUR OWN	CONFERENCE BANQUET SQUAW VALLEY CONFERENCE CENTER
20:30 - 22:00						