

13th Annual Congress 2022 Swiss Society of Sport Science Wednesday 9th – Thursday 10th February 2022

SPORT & BIG DATA

Challenges and opportunities for sport science.



SPORTWISSENSCHAFTLICHE SOCIETE SUISSE DES GESELLSCHAFT DER SCHWEIZ SCIENCES DU SPORT UNIL | Université de Lausanne
Institut des sciences du sport
de l'UNIL (ISSUL)



ORGANISATION OF THE CONGRESS

LOCAL ORGANISATION COMMITTEE

Pr. Dr. Fabienne Crettaz von Roten & Dr. Lucie Schoch

Dr. Jérôme Barral; Dr. Fabio Borrani; Dr. Davide Malatesta; Dr. Jérémy Moulard; Dr. Olivier Mutter; Dr. Nicolas Place; Tommy Quansah; Dr. Grégrory Quin; Dr. Antoine Raberin.

SCIENTIFIC COMMITTEE

Dr. Roberta Antonini Philippe (University of Lausanne); Pr. Dr. Emmanuel Bayle (University of Lausanne); Dr. Florence Carpentier (University of Lausanne); Dr. Josephine Clausen (University of Lausanne); Dr. Raphaël Faiss (University of Lausanne); Pr. Dr. Ilaria Ferrari Ehrensberger (PH Zürich); Pr. Dr. Elke Gramespacher (PH FHNW); Pr. Dr. Christelle Hayoz (PH Fribourg); Pr. Dr. Vanessa Lentillon-Kaestner (HEP Lausanne); Pr. Dr. Grégoire Millet (University of Lausanne); Pr. Dr. Siegfried Nagel (University of Berne); Dr. Daria Neyroud (University of Lausanne); Pr. Dr. Christina Spengler (ETH Zürich); Pr. Dr. Wolfgang Taube (University of Fribourg); Dr. Alexandra Tillman (University of Lausanne).



TABLE OF CONTENTS

OVERVIEW	4
PRATICAL INFORMATIONS	6
PLENARY SESSIONS	7
EXTENDED PROGRAM	9
POSTERS SESSION	17
SOCIAL EVENTS & ACTIVITIES	18
GENERAL ASSEMBLY 4S 2022	19



overview - wednesday, 09.02.2022

8:30 - 9:00	Official opening of the congress	Main room	
9:00 -9:45	Keynote 1	Main room	
	Pr. B. Ajana: King's College London		
9:45 -10:15	Coffee break		
10:15 -11:45	Session 1		
	Orals: Machine Learning & Sport Injuries	Room 2212	
	<u>Symposium</u> : Problématiques actuelles et innovantes en Education Physique et Sportive	Room 2218	
	Orals: Sport Performance	Room 2420	
11:45 -13:30	Lunch Break		
13:30 -14:50	Session 2		
	<u>Symposium</u> : International Participatory and Data-based Approaches to Empower Children, Adolescent and Adult Health Behavior Change	Room 2212	
	Orals: Physical Activity & Health	Room 2218	
	Orals: Psychology and History of Sport	Room 2420	
	<u>Symposium</u> : Hypoxia Exposure: a double-edge blade for patients	Auditorium 1216	
14:50 -15:00	Short break		
15:00 -15:20	Presentation of the of the SGS-Dissertationspreis 2020	Main room	
15:20 -15:50	Coffee break		
15:50 -17:10	Session 3		
	<u>Symposium</u> : Movement, Play and Sport Behavior and Motor Development in Childhood and Adolescence - micro and macroanalytical approaches	Room 2212	
	<u>Orals</u> : Neuromuscular Physiology	Room 2218	
	Orals: Physical Activity & Pathological Condition	Room 2420	
	<u>Symposium</u> : The 300 members of the international Olympic committee from 1894 to 1972	Auditorium 1216	
17:10 -17:15	Short break		
17:15 -18:30	Keynote 2 (Open to the public)	https://unil.zoom. us/j/96993788836	
	Pr. N. Besombes: University of Paris Descartes	Password: 833065	



OVERVIEW - THURSDAY, 10.02.2022

8:00 - 8:30	Mindfulness session	Main room / "Mindfulness session" breakout room
8:30-9:15	Keynote 3 Pr. B. Kayser: University of Lausanne	Main room
09:15-10:55		Main room
	Young Investigator Award: 5 finalists	Wall 100III
10:55-11:30	Coffee break	
11:30-12:15	General assembly SGS/4S https://unibas.zoom.us/j/66877927165	
12:15-13:30	Lunch Break	
12:45 – 13:30	Informal session "Share your PhD experience"	Main room / "PhD Experience – Main Room"
13:30-14.20	Session 4	
	<u>Posters</u> : mini oral sessions	Main room
14:20-14:30	Short break	
14:30-15:50	Session 5	
	<u>Symposium</u> : Metabolic Big Data: Applying Metabolomics to Sport and Exercise Science	Room 2212
	Orals: Various Approaches in Physiology	Room 2218
	Orals: Sociology of Sport	Room 2420
	<u>Symposium</u> : The Athlete Biological Passport as a 'data pioneer' – What lessons can be drawn for sports sciences?	Auditorium 1216
15:50-16:00	Short break	
16:00-16:10	Announcement of YIA winners	Main room
16:10-16:15	Closing words and end of the conference	Main room



PRACTICAL INFORMATION

Here is the information you need to connect to the online congress.

MAIN ZOOM LINK

There is only one link to connect to the main congress events:

https://unil.zoom.us/my/congres4s2022

Password: CG4S2022

By connecting to this link, you will access the "MAIN ROOM" where all the plenary events will be held.

From this "main room" you will also be able to access some "BREAKOUT ROOMS" where the parallel sessions will be held.

There are 4 "breakout rooms", one for each "auditorium / room" indicated in the programme (Room 2212, Room 2218, Room 2420 and Auditorium 1216). Breakout rooms are named according to the auditoriums / rooms indicated in the programme.

The two following events have a specific Zoom link (you will find them on the programme):

- Keynote 2, Wednesday 9, 17:15 18:30, *Pr. N. Besombes*
- General Assembly SGS / 4S, Thursday 10, 11:30 12:15

Other breakout rooms are also available for some social events and activities (see the section "Social events and activities" of this document).

BASIC RECOMMENDATIONS FOR ZOOM

- You must have a zoom account to log in. Your university may have provided you with a zoom account. If not, you need to create one: https://zoom.us
- You must have a recent version of zoom application in order to be able to access to the breakout rooms. Update to the latest version or download it: <u>https://zoom.us/download</u>
- During the different sessions of the congress, we recommend using the chat box to indicate that you have a question or a comment to make (you can write: "I have a question for XX").
 When the chair gives you the floor, activate the microphone to speak, deactivate the microphone when speaking has ended.







PLENARY SESSIONS

KEYNOTE 1 (February 9th 2022 – 9:00)

Playing with Metrics: Self-tracking as Personal Science

Pr. B. Ajana (King's College London)

Btihaj Ajana is a Professor of Ethics and Digital Culture at the department of Digital Humanities at King's College London. Her academic research is interdisciplinary in nature and focuses on the ethical, political and ontological aspects of digital developments and their intersection with everyday cultures.

Summary

In this talk, I discuss the ways in which Quantified Self practices and their data driven approach can be considered as "personal science," a term first introduced by Martin and Brouwer in early 1990s and recently adopted by the Quantified Self community to describe its self-tracking activities and objectives. In doing so, I revisit some relevant arguments put forward by the philosopher, Hans-Georg Gadamer, vis-à-vis the value of the personal and hermeneutic dimension to understanding aspects of health and appreciating the limits of traditional medical methods and their generalising approach. Drawing on relevant examples, I discuss how self-tracking can be seen, at once, as a way of reclaiming autonomy and control over one's health and physical activity as well as a form of outsourcing decision-making to technology itself. This discussion leads me to differentiate between active and passive self-tracking, and between members of the Quantified Self circle who build their own tools and the general users who rely on the commercial tech solutions available on the market. Ultimately, I suggest that the Quantified Self community can act as a "guru" for mainstream self-trackers by nurturing a critical and inclusive approach to technological development and use, which can enable users to be involved in the means of production and become experts rather than just users.

KEYNOTE 2 (February 9th 2022 – 17:15)

Esports and Virtual Environments: the realm of data?

Pr. N. Besombes (University of Paris Descartes)

Nicolas Besombes is an Associate Professor at the Sports Faculty of the University of Paris Descartes. His research is focused on sports' digital practices and more specifically since his PhD thesis on competitive gaming and esports. Through a transdisciplinary approach at the crossroads of the sociology of sport and the game studies, his research topics are related to esports and physicality, esports and public policies, esports and health, and esports and diversity.

Summary

Esports refers to organized video game competitions (Jenny et al., 2017). With the appearance of streaming platforms at the turn of the 2010s, esports has gone from a niche practice to a true generational mass spectacle (Besombes, 2015). Mirror of our digitized societies and a product of the digital revolution (Scholz, 2019), esports is intrinsically dematerialized and virtual, and a particularly fertile ground for data collection: optimizing the performance of high-level players, predicting match results, spectator experience or even artificial intelligence, are some of the applications already underway in the esports world. The use of data in this sector stands out clearly in two areas: firstly technologically, with the development of different applications and systems designed to enrich and improve the gaming experience (users and fans), and secondly economically, where what is sought is both the growth and development of this new market. The first area will be the focus of the presentation, while keeping in mind that the boom of Big Data is not without raising some practical and technological questions: what relevant data to collect? With what tools? How to process them? And finally, how to interpret and analyze them?



PLENARY SESSIONS

KEYNOTE 3 (February 10th 2022 – 08:30)

Disentangling sport, exercise and physical activity in a data-driven world

Pr. B. Kayser (University of Lausanne)

Bengt Kayser is a retired and an emeritus professor at the Institute of Sport Sciences of the University of Lausanne in Switzerland. After his medical studies at the University of Amsterdam in the Netherlands he engaged in an academic career in the field of exercise physiology with a special interest in hypoxia. His research interests concern the factors limiting endurance exercise performance, altitude medicine and physiology, respiratory mechanics during physical exercise, and the relationship between physical activity, energy balance and health in different settings

Summary

In both public and academic discourse the use of the words sport, exercise and physical activity is fraud with conflation and confusion. I develop arguments in favor of a more clear demarcation of the concepts covered by these words. Sport, defined as competitive play according to rules, exercise defined as planned physical activity and physical activity as any muscle contraction leading to an increase in metabolic rate, have, according to such distinct definitions separate, even though partly overlapping roles to play. Taking into account the disruptiveness of digitalization in an increasingly data-driven world, in primary, secondary and tertiary education, in public health efforts, in the public encouragement for participation in sports, or in political discourse, making these distinctions would help to clarify the discussions and could be expected to ease the way for more positive change for the common good.



EXTENDED PROGRAM - Wednesday, 09.02.2022

08:30 - 09:00

Wednesday 09.02.2022

Main room

Official opening of the congress

09:00 - 09:45

Wednesday 09.02.2022

Main room

Keynote 1

Playing with Metrics: Self-tracking as Personal Science

B. Ajana (King's College London) Chair: F. Crettaz von Roten

10:15 - 11:45

Wednesday 09.02.2022

Room 2212

Machine learning & Sport Injuries

Chair: V. Gremeaux

Using machine learning to enhance sacral acceleration-based estimations of running stride temporal variables and peak vertical ground reaction force

A. Patoz

DeepACSA - Automating human lower limb muscle ultrasound image analysis using deep learning

P. Ritsche

Training interventions to prevent sport-related concussions – A systematic review.

S. Zimmermann

Development and evaluation of a web application for recovery management in junior ice

hockey players

S. Ketelhut

Room 2218

Symposium: Problématiques actuelles et innovations en Education Physique et Sportive

Interdisciplinary Teaching with an Exergame: Effects on PE and Mathematics Learning

V. Cece

The Significant Negative Events during Initial Teacher Training: The Case of Physical Edu-

cation

M. Descoeudres

Teacher Well Being and Perceived School Climate during COVID-19 School Closure: The

Case of Physical Education in Switzerland

V. Lentillon-Kaestner



Room 2420

Sport Performance

Chair: G. Millet

Prediction of competition performance based on technique tests in Olympic air rifle shooting

D. Tartaruga

Decremental exercise protocol as a training stimulus: more or less efficient than traditional high-intensity interval training?

FG. Beltrami

In which haystack is the needle hidden? Finding tomorrow's professionals with a 10-years longitudinal person-oriented study based on (corrected) motor performances in football. *B. Charbonnet*

Investigating the use of peripheral vision in 3vs3 counter-attack situations in football *C. Vater*

13:30 - 14:50

Wednesday 09.02.2022

Room 2212

Symposium: International Participatory and Data-based Approaches to Empower Children, Adolescent and Adult Health Behavior Change

Chair: U. Pühse & M. Gerber

Introduction

U. Pühse & M. Gerber

Empowering adolescents to lead change using health data: Describing an international participatory and data-based intervention development approach *CR. Nigg*

Impact of a school-based physical activity and micronutrient supplementation intervention on body composition among primary schoolchildren from South Africa, Tanzania, and Côte d'Ivoire: Results from the KaziAfya study *K. Long*

Collecting health and wellbeing data in under-resourced settings to facilitate behaviour change. Examples from the KaziHealth school-based workplace health intervention program

N. Joubert

Room 2218

Physical Activity & Health

Chair: D. Neyroud

The SOPHYA cohort on objectively measured physical activities trajectories in Swiss youth: Who remains in the organised sport setting and who benefits from it?

J. Hänggi

Appropriate use of theory does make a difference in promoting physical activity for older adults

S. Schnegg



School-based physical activity and cognition – what is the optimal level of cognitive challenge to foster children's inhibition?

S. Anzeneder

Prospective associations of physical fitness with spinal flexibility in childhood: implications for primary prevention of non-specific back pain

S. Bade

Room 2420 **Psychology and History of Sport**

Chair: F. Carpentier

An individual exercise and sport counseling based on motives and goals. How effective is the COMET approach?

N. Schorno

Does dispositional self-control moderate the association between stress at work and physical activity after work? A real-life study with police officers *R. Schilling*

Sedentary Behavior Type and Context Relate to Body Mindfulness in Everyday Life C. Nigg

"La Fabrique des sports nationaux". Constitution and development of the elites from several Swiss sport institutions (1860s-1930s)

G. Mayencourt

Room 1216 Symposium: Hypoxia Exposure: a Double-edge Blade for Patients

Chair: G. Millet

Risks and benefits of hypoxia in individuals with pulmonary disorders A. Raberin

Hypoxic ventilatory responses in preterm vs full-term born adults *G. Manferdelli*

A role of hypoxia in Parkinson's Disease?

J. Burtscher

15:00 - 15:20 Wednesday 09.02.2022

Main room **Exergaming for Children with ADHD?**

V. Benzing (Winner of the SGS-Dissertationspreis 2020)

Chair: C. Spengler

15:50 - 17:10 Wednesday 09.02.2022

Room 2212 Symposium: Movement, Play and Sport Behavior and Motor Development in

Childhood and Adolescence - Micro and Macroanalytical Approaches

Chair: E. Gramespacher



Physical activity in young children during transition from kindergarten to primary school: First findings from the Swiss BeKiPri study

K. Adler

Monitoring of basic motor competencies in childhood and the connection with possible influencing factors

K. Bretz

Social Participation of Children in Integrative Organized Sports: An Analysis of Social Interaction Networks

F. Mumenthaler

Room 2218 Neuromuscular Physiology

Chair: M. Keller

Changes in knee extensor activation pattern during exercise in response to selective prefatigue of one synergist

C. Lanfranchi

Acute effects of alcohol consumption on corticospinal parameters measured by transcranial magnetic stimulation

M. Bugnon

Can rapid magnetic stimulation of the phrenic nerves continuously ventilate healthy humans without the development of diaphragm fatigue and intolerable adverse sensory responses over time?

K.G. Boyle

Modulation of torque induced by wide-pulse, high-frequency neuromuscular electrical stimulation: implication of persistent inward currents?

T. Popesco

Room 2420 Physical Activity & Pathological Condition

Chair: V. Gremeaux

High-intensity interval training improves microvascular endothelial function in hypertensive patients

L. Streese

Non-alcoholic fatty liver disease: Prevalence and all-cause mortality according to sedentary behaviour and a novel metric of physical activity tracking (Personal Activity Intelligence, PAI) *I. Croci*

Fostering physical activity-related health competence after bariatric surgery with a multi-modal exercise programme: A randomised controlled trial

J. Schmid

Effects of cancer-induced immobility on survival, muscle mass and function, and tumor growth

D. Neyroud

Room 1216 Symposium: The 300 members of the international Olympic committee from 1894 to 1972 Pierre de Coubertin's Olympic Diplomacy (1894-1925)

P. Clastres



Recruiting after the War: IOC strategies under the presidency of Sigfried Edström (1942-1952)

F. Carpentier

The Latin-American IOC members during the Avery Brundage presidency (1952-1972) *H. Klima*

17:15 - 18:30

Wednesday 09.02.2022

Main room

Keynote 2 (open to public)

Esports and Virtual Environments: the Realm of Data?

N. Besombes (University of Paris Descartes)

Chair: L. Schoch & Ivan Urendez

https://unil.zoom.us/j/96993788836

Password: 833065



EXTENDED PROGRAM - Thursday, 10.02.2022

08:00 - 08:30

Thursday 10.02.2022

Zoom

Minduflness session

Monique Borcard-Sacco, Sport center of the University of Lausanne Main room / "Mindfulness session" breakout room

08:30 - 09:15

Thursday 10.02.2022

Main room

Keynote 3

Disentangling Sport, Exercise and Physical Activity in a Data-driven World B. Kayser (University of Lausanne)

Chair: F. Ohl

09:15 - 10:55 Thursday 10.02.2022

Main room

Young Investigator Award

Chair: R. Antonini Philippe

Short-term balance consolidation relies on the integrity of the primary motor cortex (M1): a rTMS study

S. Egger

Patterns of leisure-time physical activity in youth as predictors for lifelong activity? A latent profile analysis with retrospective life course data

L. Lenze

Creativity in elite youth football: Enhancing players' motor skills rather than a divergent thinking ability fosters creative actions

S. Zahno

Bodily commitment in physical education increases adherence to salient educative norms *T. Schweizer*

Actor engagement within digital sport brand communities – A case study on social practices on digital engagement platforms *P. Stegmann*

11:30 - 12:15

Thursday 10.02.2022

Zoom

General assembly of the SGS/4S

https://unibas.zoom.us/j/66877927165



12:45 - 13:30

Thursday 10.02.2022

Zoom

PhD Experience

Main room / "PhD experience – Main Room"

13:30 - 14:20

Thursday 10.02.2022

Main room

Posters: mini oral sessions

Chair: A. Raberin

14:30 - 15:50

Thursday 10.02.2022

Room 2212

Symposium: Metabolic Big Data: Applying Metabolomics to Sport and Exercise Science

Metabolomics: Assessing the small molecule component of metabolism *J. Ivanisevic*

How ceramides orchestrate cardiometabolic health – An ode to physically active living *J. Carrard*

Sportomics: Opening perspectives in sport and exercise science

A. Schmidt-Trucksäss

Room 2218

Various Approaches in Physiology

Chair: N. Place

Successful return to performance after COVID-19 infection: a case report

C. Besson

HRV phenotypes in elite sports - insights from a two-year follow-up in elite sports

N. Bourdillon

Does the Wim Hof Breathing Method improve repeated sprint performance?

T. Citherlet

Physical activity and cardiorespiratory fitness as moderators of the relationship between post-traumatic stress disorder symptoms and physical / mental health outcomes among

individuals living in a Greek refugee camp

M. Gerber

Room 2420

Sociology of Sport

Chair: S. Nagel

The role of team structures for social integration in Swiss football clubs

M. Buser

Gender regimes and fields of sports governance

M. Pape



Will self-tracking of physical activity disrupt insurance models? Analyzing daily technological enactments of solidarity

B. Presset

Patterns of sports-related and socio-economic resources at the end of the athletic career and their impact on the subsequent vocational career: a person-oriented analysis among former Olympic athletes

M. Schmid

Auditorium 1216

Symposium: The Athlete Biological Passport as a 'data pioneer' – What lessons can be drawn for sports sciences?

Chair: R. Faiss & F. Botrè

Confounding factors affecting the blood markers of the athlete biological passport *B. Krumm*

Haematological biomarkers and plasma volume variations for the Athlete Biological Passport in active women taking oral contraceptive pills *B. Moreillon*

Performance monitoring as a complementary tool for risk assessment in antidoping *J. Hopker J. Saugy*

Legal and ethical challenges in the implementation of the ABP *M. Viret*

16:00 - 16:10

Thursday 10.02.2022

Main room

Announcement of YIA winners

Chair: R. Antonini Philippe

16:10 - 16:15

Thursday 10.02.2022

Main room

Closing words and end of the conference



POSTERS SESSION - THURSDAY, 10.02.2022

Main room

Chair: A. Raberin

13:30 – 14:20

Speaker	Affiliation	Title
Schön Patrick	ETH Zürich	Exercise Limitation in Adult Fontan Patients: The Role of Respiratory and Skeletal Muscles
Cody Robyn	University of Basel	The lived experience of a physical activity counseling intervention to promote physical activityamong people with major depression – A qualitative study
Ludyga Sebastien	University of Basel	The influence of motor skills on cognitive control deficits in children and adolescents born very preterm
Bischoff Clémetine	University of Basel	Effectiveness of an individualized vibration training on symptom reduction of chemotherapy-induced peripheral polyneuropathy - a randomized controlled trial (VANISH)
Guyot Robin	University of Lausanne	The media coverage of women's football: the case of the Swiss Women's Super League during the 2020-2021 season
Besson Cyril	CHUV- University of Lausanne	Intra-individual effect of hydration and exercise on heart rate variability: a single case study
Benbouhou Raphaël	University of Lausanne	The Franco-Spanish relations through the prism of football (1922-1968). Circulations, imaginaries, diplomacy
Mücke Manuel	University of Basel	Associations of physical activity and fitness with stress reactivity in children aged 10-13 years
Nigg Claudio	University of Bern	The effect of a brief online video-based physical activity intervention on physical activity, sleep, mood, stress, and resilience: A randomized control trial
Böni André	ETH Zürich	Assessing balance abilities of healthy adults on an outdoor fitness and leisure trail
Hohberg Vivien	University of Basel	Blended care interventions to promote physical activity - A systematic review of randomized controlled trials
Wälti Marina	University of Basel	Basic motor competencies and health-related quality of life in primary school children
Ulrich Gert	Careum Foundation	Is Healthcare a Team Sport? Widening our Lens on Interprofessional Collaboration and Education in Sport Science and Exercise Medicine – Results from a Webinar
Wang Linjia	University of Lausanne	Preventive effects of moderate vs high-intensity exercise in normoxia vs hypoxia in mice on experimental atherosclerotic plaque formation
Gerber Markus	University of Basel	Macronutrients and the development of depressive symptoms in young elite athletes from Northwestern Switzerland
Basil Achermann	SFISM	Optical tracking of barbell kinematics for low-cost resistance training monitoring



SOCIAL EVENTS & ACTIVITIES

In order to maintain a touch of sociability (even if virtual), the local organizing committee proposes some events and activities to feed your social appetite. Enjoy them without moderation!

COFFEE BREAK

Five zoom rooms have been prepared exclusively for sharing your coffee break or your lunch break with other congress participants. Enjoy your break!

How to join? Log in to the main zoom room of the Congress and select one of the five "Coffee break" breakout.

MINDFULNESS SESSION

On Thursday morning, from 8:00 to 8:30 we offer an initiation to mindfulness. This session will be given in English by Monique Borcard-Sacco, a mindfulness teacher at the Centre for Sport and Health of the University of Lausanne.

How to join? Log in to the main zoom room of the Congress and select the "Mindfulness session" breakout.

SHARE YOUR PHD EXPERIENCE

This session is for PhD students.

During the lunch break on Thursday 10, 12:45 – 13:30, share your lunch break with senior scholars from the University of Lausanne and the 4S Committee discussing your PhD experience and asking questions about academia you've always wanted to ask!

How to join? Log in to the main zoom room of the Congress, select the "PhD experience – Main Room". If you want to discuss more privately with someone, you may join one of the five "PhD Experience" breakout rooms.



Donnerstag 10. Februar 2022, 11.30 – 12.15 h Jeudi 10. février 2022, 11.30 – 12.15 h

Online-Konferenz / réunion numérique via Zoom-Link: https://unibas.zoom.us/j/66877927165

Liebe Mitglieder der Sportwissenschaftlichen Gesellschaft der Schweiz SGS Chères/Chers membres de la société suisse des sciences du sport 4S

Hiermit laden wir Sie zur 14. Ordentlichen Generalversammlung der SGS ein. Die Versammlung findet aufgrund der aktuellen Covid-Situation per Videokonferenz statt. Nichtsdestotrotz wird es die Gelegenheit geben, über die aktuellen Aktivitäten und Ziele der Gesellschaft zu informieren und mit allen Mitgliedern zukünftige Entwicklungsschritte zu diskutieren und darüber zu befinden. Da auch Neuwahlen beim Vorstand durchgeführt werden, bitten wir um eine rege Teilnahme.

- Die Traktanden sind auf der folgenden Seite aufgeführt.
- Anträge der Mitglieder werden vom Vorstand der SGS bis Freitag 04.02.2022 schriftlich entgegengenommen: siegfried.nagel@ispw.unibe.ch

Nous avons le plaisir de vous inviter à la 14e assemblée générale ordinaire de la 4S. En raison de la situation actuelle de la pandémie, l'assemblée aura lieu par vidéoconférence. Néanmoins, ce sera l'occasion d'informer sur les activités et les objectifs actuels de la société et de discuter et de décider avec tous les membres des futures étapes de développement. Comme de nouvelles élections auront également lieu au sein du comité directeur, nous vous prions de participer en grand nombre.

- Vous trouvez l'ordre du jour sur la page suivante.
- Le comité de la 4S prend des demandes des membres sous forme écrite jusqu'au vendredi 4 février 2022: siegfried.nagel@ispw.unibe.ch

Wir freuen uns auf eine gut besuchte online-Generalversammlung. Nous nous réjouissons d'avoir une assemblée générale très fréquentée.

Mit freundlichen Grüssen, für den SGS-Vorstand Avec nos meilleures salutations, pour le comité de 4S

Siegfried Nagel Präsident/président Should you need any further information, please do not hesitate to contact us at:

congres4S2022@unil.ch

Institute of Sport Sciences (ISSUL)

University of Lausanne Synathlon 1015 Lausanne UNIL | Université de Lausanne
Institut des sciences du sport de l'UNIL (ISSUL)