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15/16 NOVEMBER 2023

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The MEDICA MEDICINE + SPORTS CONFERENCE ecosystem, was founded in 2013 at MEDICA, the world´s largest medical trade show with more than 90,000 visitors and 5,500 exhibitors. The conference has been the highlight of MEDICA for the past ten years and will once again be held during MEDICA 2023. In 2016, the worldwide hotspot for innovation and networking in sports medicine made its way also to Asia in Singapore. The MEDICAL FAIR ASIA MEDICINE + SPORTS CONFERENCE is the benchmark event for sports medicine and related disciplines in Asia.

The conference has established as the leading interdisciplinary exchange platform between international sports medicine experts, professional athletes and sport techies, the sporting goods and healthcare industries. The platform fosters new exchange formats, new sport medical therapies, and innovative products for prevention, therapy, perfomance, and recovery. Leading international experts present the latest innovations and approaches in professional and health sports.

SESSION 1 - Managing chronic diseases in professional sports
Professional sports and cardiovascular diseases, diabetes, neuromuscular diseases

SESSION 2 - Sports for health
Active health ecosystems – sports medicine for children – pediatric emergencies in sports

SESSION 3 - Hydration break followed by the Guided Innovation Tour
MEDICA SPORTS HUB – WT Wearable Technologies Show

SESSION 4 - Understanding performance, injury and movement
Monitoring vital data and performance – evidence-based diagnostics – AI/ big data in sports

SESSION 5 - Individualizing prevention, training, therapy and regeneration
Athlete in the focus – injury prevention – training – performance – regeneration – metabolomic profiling

SESSION 6 - Shark tank of tech innovation in sports and healthcare
AI - wearable technologies – hydration monitoring – Movement analysis- laser therapy

The conference is accredited with 11 CME points.

Accredited with **11 CME** points

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Ticket Info:

- 2-day ticket, 15 + 16 November: 169 EUR (excl. VAT)

Agenda Day 1 // 15 November 2023

12:20 h	**Conference welcome** Moderated by Christian Stammel - CEO WT Wearable Technologies AG and Christian Grosser - Director MEDICA/COMPAMED, Portfolio Health & Medical Technologies
12:30 h	**Session 1 - Managing chronic diseases in professional sports** **Professional sports and cardiovascular diseases - diabetes - neuromuscular diseases** **Daniel Engelbrecht -** Former Professional Football Player: **"Racing heart"** **Timur Oruz -** Professional Hockey Player of the German National Team (2023 World Champion, 2016 Olympic Bronze Medal): **"Managing diabetes in professional hockey"** Live stream **Prof. Dr. med. Benjamin Levine -** Founder, President Institute for Exercise and Environmental Medicine, Professor at UT Southwestern Medical Center, Division of Cardiology: **"Coronary artery calcium in the masters athlete – Adaptive or pathologic sequelae of endurance exercise"** **Prof. Dr. Dr. Philipp Zimmer -** Managing Director, Head of Dept. Performance and Health Sports Medicine, Technical University Dortmund: **"Exercise is medicine in MS – Clinical evidence and biological mechanisms"**
14:30 h	Coffee break
15:00 h	**Session 2 - Sports for Health** **Active health ecosystems – sports medicine for children – pediatric emergencies in sports** **Dr. med. Nicole Müller -** Senior Doctor, Pediatric Heart Centre University Hospital Bonn: **"First of all more sports – but do we really need sports medicine for children?"** **Ass. Prof. Dr. med. Ruth Löllgen -** Acting Deputy Head of Pediatric Emergency Dept., Astrid Lindgren Children's Hospital, Karolinska University Hospital, Stockholm: **"Management of pediatric emergencies in sports - Updated guidelines "** **Prof. Dr. med. Ralph Beneke -** Head of Dept. of Medicine, Training and Health, Institute of Sports Science and Motology, Philipps University Marburg, Sport instructor (diploma): **"Physical exercise in children and adolescents – Talent a potential risk factor"** **Prof. Dr. Yolanda Demetriou -** Professor of Active Mobility, Leopold-Franzens-University Innsbruck, Department of Sport Science: **"Findings of Germany's 2022 report card on physical activity for children and adolescents"**
16:30 h	**Session 3 - Guided Innovation Tour** MEDICA SPORTS HUB (hall 4) – MEDICA WT WEARABLE TECHNOLOGIES SHOW (hall 12)
17:45 h	**Get-Together** MEDICA CONNECTED HEALTHCARE FORUM (hall 12)
18:15 h	End of day 1 of MEDICA MEDICINE + SPORTS CONFERENCE

Agenda Day 2 // 16 November 2023

10:00 h	**Session 4 - Understanding performance, injury and movement** **Monitoring vital data and performance – evidence-based diagnostics – AI/ big data in sports** **Dr. med. Lutz Graumann -** Doctor for Sports Medicine, Chiropractic & Nutritional Medicine, Author of bestselling fitness books, Rosenheim: **"Deciphering the vitality code - It's all about data"** **Prof. Dr. Daniel Memmert -** Executive Head, Institute of Exercise Training and Sport Informatics, German Sport University Cologne: **"Performance analysis with big data in football"** **Prof. Dr. Daniel Link -** Professor of Training Science and Sports Informatics at Technical University of Munich, Secretary General of the International Association on Computer Science in Sports: **"Data analytics in professional soccer"** **Dr. Max Müller -** Senior Researcher, Co-founder and CEO Moticon: **"Baseline for success – Objectivized sports motor tests as starting point for junior athlete care"** **Prof. Dr. med. William H. M. Castro -** Specialist for Orthopedics and Co-founder Predimo GmbH: **"The functional view into the human body - Computed MyoGraphy (CMG)"**
12:00 h	**Session 5 - Individualizing prevention, training, therapy and regeneration** - moderated by Dr. med. Lutz Graumann **Athlete in the focus – injury prevention – training – performance – regeneration – metabolomic profiling** **Prof. Dr. Yannis Pitsiladis -** Professor of Sport and Exercise Science, IOC Medical and Scientific Commission Member, Head and Professor Department of Sport, Physical Education and Health Hong Kong Baptist University: **"Necessary steps for the mass adoption of wearables: Convenient, smart, secure and affordable"** **Prof. Dr. Dr. Markus Raab -** Head of the Psychological Institute and the Dept. of Performance Psychology, German Sport University Cologne, Editor-in-Chief of "Psychology of Sport and Exercise": **"In:prove yourself – What we can learn from individual diagnostic and intervention of elite athletes"** **Prof. Dr. med. Wilhelm Bloch -** Head of Dept. Molecular and Cellular Sports Medicine, German Sports University Cologne, former Chairman of the Scientific Council of the German Society for Sports Medicine and Prevention: **"Crosstalk between exercise and skeletal muscle"**
13:00 h	Networking Lunch Break

Agenda Day 2 // 16 November 2023

14:00 h	**Session 5 – Session 5 continued** - moderated by Dr. med. Lutz Graumann **Athlete in the focus – injury prevention – training – performance – regeneration – metabolomic profiling** **Prof. Dr. Sebastian Gehlert -** Professor for Biosciences of Sports, University of Hildesheim: **"Beyond lactate: metabolomic profiling of skeletal muscle and blood to determine intensity- and adaptation-dependent biomarkers of physical activity"** **Dr. med. Alen Juginović -** Postdoctoral Researcher at Harvard Medical School's Department of Neurobiology: **"Next-Gen Sleep Optimization for Elite Athletes"** **Dr. med. Christopher Schneeweis -** Specialist in Internal Medicine and Cardiology, Editor "Die Kardiologie" CaseReports: **"Individualized exercise for cardiovascular disease"** **Dr. med. Chang Ming Yang -** CEO of Ming Young Biomedical: **"Novel E-textiles to detect respiration, posture, gait, ECG and sweating for athletes"**
15:10 h	Hydration break
15:30 h	**Session 6 – Shark tank of tech innovation in sports and healthcare** **AI – wearable technologies – hydration monitoring – movement analysis – laser therapy** **Ass. Prof. Dr.Stefan Fickert -** Head physician Sporthopaedicum Straubing: **"New concept of cryotherapy for postoperative rehabilitation after orthopedic surgery"** **Dr. Roeland Mingels -** Head of flowbio: **"A wearable sensor for personalized hydration monitoring in endurance sports"** **David Camargo -** Sports and Exercise Scientist, Technical University of Munich: **"In-ear sensor as an energy expenditure tracker"** **Dr. Marcus Schmidt / Dipl.-Ing. Sebastian Wille -** Research Scientist Technical University of Dortmund / CEO of Wille Engineering: **"A wearable flexible sensor network platform for the analysis of different sports movements"** **Maria Neugschwender -** CEO of Noxon: **"Printed biosensors for improved muscle health - Innovative approaches to direct brain connectivity"** **Dr. Phil Harrington -** Medical Director at Summus: **"Next level care - Harnessing the power of laser therapy for sports injuries"** **Anja Majstorovic -** Head of Development at eesy-innovation: **"Surf & communicate - New communication for olympic surfers"**
17:00 h	Summary and closing remarks

SPEAKERS & EXPERT COMMITTEE



Prof. Dr. med. Ralph Beneke — Speaker

Prof. Dr. med. Ralph Beneke qualified as a sport scientist (Sports University Cologne, Germany), and as a physician with a doctoral degree in medicine (Dr. med., University Clinic Cologne, Germany). He habilitated in Sports Medicine and Physiology (Dr. habil., University Clinic Berlin, Germany). He was Deputy Director (Dept. Sport Medicine., University Clinic Berlin, Germany), Professor for Biological Sciences, Director of Research, and Director of the Human Performance Unit (University of Essex, UK). Currently, he is Professor and Chair at the Dept. of Medicine, Training and Health (Philipps University Marburg, Germany). As a physician his clinical experience includes working with transplant patients but also top performance athletes supplemented by an extensive record of sport science support and high performance coaching of world-class athletes with and without physical impairments.



Prof. Dr. med. Wilhelm Bloch — Speaker

Prof. Dr. med. Wilhelm Bloch is a professor at the German Sport University and the head of the Department of Molecular and Cellular Sport Medicine at the Institute of Cardiovascular Research and Sport Medicine. A recipient of the Venia Legendi for Anatomy and Cell Biology, University of Cologne 2000 (best habilitation 2000 at the medical faculty of the University of Cologne), Prof. Dr. Bloch derived the additional membership of the Medical Faculty of the University of Cologne 2005. He has served as a member of the scientific board of the German Society of Prevention and Sport Medicine since 2008 and from 2011-2018, chairman of this scientific board. Together with this, Prof. Dr. Bloch has been the Vice President of the German Sport Medicine Society 2011 -2018, and a member of the Scientific Committee European College of Sport Science ECSS from 2012-2016. Since 2020 he is editor in chief of the new journal "Translational Medicine and Exercise Perscription".



David Camargo — Speaker

MSc. David Camargo (1989) is a Sport and Exercise Scientist, who studied and obtained his bachelor´s degree in Colombia in 2011. He then in 2019 travelled to Munich Germany where studied and obtained his master´s degree at the Technological University of Munich investigating devices to track energy expenditure during exercise. Since 2021 he is a research student at cosinuss°.



Prof. Dr. med. William H. M. Castro — Speaker

Prof. Dr. med. William H.M. Castro is a specialist for orthopedics and co-founder of Predimo GmbH.



Prof. Dr. Yolanda Demetriou — Speaker

Prof. Dr. Yolanda Demetriou studied sport science, pedagogics and psychology at the University of Freiburg. She received her PhD in 2012 at University of Tübingen. Professor Demetriou was appointed as a professor for Educational Science in Sport and Health at the Technical University of Munich in 2014 and is currently Professor for Active Mobility at the University of Innsbruck, Austria.
Her research focuses on child and youth physical activity with a special interest on active mobility. In particular, she analyses determinants and health consequences of physical activity in youth, with a strong interest in underlying mechanisms of behavior change and educational processes in the school setting. She is leader of the Active Healthy Kids Germany Network.



Daniel Engelbrecht — Speaker

Daniel Engelbrecht started his professional football career at the age of 17 with Bayer Leverkusen. One year later he moved to Alemannia Aachen and played there for 3 years. In 2012 he came to the club VFL Bochum to the 2.Bundesliga, before he signed a 3-year contract with Stuttgarter Kickers. In 2013 he collapsed on the pitch during a game with a heart rhythm disorder. He survived. He began to fight for his comeback. A few years after his career ended, Daniel continued his work in football. As the head of youth scouting for his club VFL Bochum, he tried to catch the biggest talents for the club. Since 2019 he's all over Germany with his keynote "Racing Heart". He is constantly trying to help other people in bad situations or young talented soccer players not to make the same mistakes he did.



Ass. Prof. Dr. Stefan Fickert — Speaker

Ass. Prof. Dr. Stefan Fickert is Assistant Professor of Orthopaedic Surgery at the Medical Faculty of Saarland University. Since 2012, he has been a senior physician and partner at the Sports Orthopaedic Clinic in Straubing and Regensburg. He spent more than 7 years as a senior physician at the University Hospital in Mannheim, Germany.
His clinical interests include the diagnosis and treatment of hip disorders in young patients. Arthroscopic treatment of sports injuries, joint preserving surgery to prevent and open surgical treatment of diseases in and around the hip joint are his main interests, so he has extensive experience in cartilage repair surgery of the hip joint, especially with cell-based techniques.



Prof. Dr. Sebastian Gehlert — Speaker

Prof. Dr. Sebastian Gehlert is a German sports scientist at the Institute of Sports Science at the University of Hildesheim. He was born in Cologne on March 1, 1976 and studied sports science at the German Sport University Cologne (DSHS Köln). His focus was training and performance. After graduation, he worked as a research assistant and postdoc at the Institute of Cardiovascular Research and Sports Medicine and the Chair of Molecular and Cellular Sports Medicine. In 2007, he started his dissertation at DSHS Cologne on „Acute and chronic adaptation of human skeletal muscle to strength and endurance loads". He completed his thesis with „summa cum laude". From 2016 to 2018, he was a substitute professor at the Institute of Sports Science at the University of Hildesheim. Since 2018, he has been a professor of sports biosciences at the University of Hildesheim. He is also a reserve officer (lieutenant colonel) at the Bundeswehr Sports School.

SPEAKERS & EXPERT COMMITTEE



Dr. med. Lutz Graumann

Speaker & Expert Committee

Dr. med. Lutz Graumann is a specialist in Sports Medicine, Nutrition and Chirotherapy with focus on performance enhancement. He is President of the International Association of Performance Medicine, founder of Sportmedizin Rosenheim and Quest Vitality, head of education at Blackroll, author of the bestselling books „REGENERATION", "Functional Fascial Training with Blackroll" and „GET FIT TO RUN", and lecturer at the German Armed Forces Leadership Academy in Hamburg. From 2015 till 2021 he was team physican and Chief Medical Officer for the German Icehockey Federation. He integrates sports and military medicine and cutting-edge technology to create data-based movement, nutrition, recovery and mindset strategies for work and play.



Dr. Phil Harrington

Speaker

Dr. Phil Harrington is a 1987 graduate of Iowa State University with a BS in Physics, and a 1996 graduate of Palmer College of Chiropractic. Following his graduation, he practiced in Iowa for 10 years, utilizing various therapeutic lasers. His passion for Class 4 therapeutic lasers led him to become a sought-after lecturer on photobiomodulation science, physiology, safety, and clinical applications. He currently serves as Medical Director, Clinical Manager and Laser Safety Officer for Summus Medical Laser. In addition to his clinical experience, Dr. Harrington is a Certified Medical Laser Safety Officer and Fellow of ASLMS, and a frequent contributor to peer-reviewed publications. He is a recognized national and international expert on photobiomodulation, regularly lecturing at conferences and advocating for improved clinical outcomes through best practice laser application and patient safety.



Dr. med. Alen Juginović

Speaker

Dr. med. Alen Juginović is a medical doctor and postdoctoral researcher at Harvard Medical School's Department of Neurobiology, researching the repercussions of poor sleep quality on health. Additionally, he is an instructor at Harvard Faculty of Arts and Sciences, where he teaches "Neurobiology of Emotions and Mood Disorders." Alen also leads the Organizing Committee for award-winning international conferences, such as the Plexus Conference, which gathered over 2400 participants worldwide, 10 Nobel laureates and prominent leaders in science and medicine to Croatia, his home country, since 2017. He leads a team of physicians and scientists dedicated to researching the impact of sleep quality on athlete performance and facilitating comprehensive sleep quality optimization programs for players.



Prof. Dr. med. Benjamin Levine

Speaker

Prof. Dr. med. Benjamin Levine s Professor of Internal Medicine/Cardiology and Distinguished Professor of Exercise Science at the University of Texas Southwestern Medical Center. He is also the founder and director of the Institute for Exercise and Environmental Medicine (IEEM) at Texas Health Presbyterian Hospital in Dallas, where he holds the S. Finley Ewing Chair in Wellness and the Harry S. Moss Heart Chair in Cardiovascular Research. He is a renowned sports cardiologist who treats athletes with cardiovascular health problems from around the world and serves as a consultant to various sports organizations, including the NCAA, NHL, NFL, USOC and USA Track and Field.



Prof. Dr. Daniel Link

Speaker

Prof. Dr. Daniel Link is a German researcher in the field of sports analytics working at the Technical University of Munich. His research focusses on performance analysis and data analytics in team sports. This includes technological aspects of data acquisition and analysis as well as mathematical modelling of phenomena in sports. Daniel Link supports federations and top-level teams in implementing game analysis. He is a reviewer for scientific journals, member of various international scientific organizations and acts as a reviewer for the main German founding agency for sport science.



Ass. Prof. Dr. med. Ruth Löllgen

Speaker

Ass. Prof. Dr. med. Ruth Löllgen is a pediatric emergency medicine consultant at the Children's hospital, Karolinska University and the co-founder and chair of Netzwerk Kindersimulation e.V.. Her key professional areas of interest are research with multiple publications, international presentations, grant funding and awards, clinical excellence and quality and patient flow improvement, mentorship and simulation-based education and she holds a qualification in Harvard Medical Simulation Instructor certification. She is passionate about her vision to promote excellent care in PEM and the ongoing teamtraining of health care providers to achieve optimal life-saving skills. She is a mother of two bustling boys and an active sportswoman, and likes ski touring and cross-country skiing, running, mountain biking and road biking together with her husband and their sons in their homes in the Swiss Alps and Stockholm, Sweden.



Anja Majstorovic

Speaker

Anja Majstorovic is a head of development at eesy-innovation GmbH company. She is responsible for research, planning, and implementing new programs and protocols into organization and coordination of the development of new products in the field of IoT for Smart Home, Smart Health and Safety and Security applications. Her responsibilities in funding projects are to lead technical R&D activities. Born in Serbia, Anja holds Master Degree in Electrical Engineering and Computer science, with focus on telecommunications.



Prof. Dr. Daniel Memmert

Speaker

Prof. Dr. Daniel Memmert is a Professor and Executive Head of the Institute of Exercise Training and Sport Informatics at the German Sport University Cologne. In 2014, he was a visiting professor at the University of Vienna. His scientific work focuses on movement science, sports psychology, and computer science in sports. According to a publicly accessible database by Elsevier of the world's top 100,000 scientists (https://data.mendeley.com/datasets/btchxktzyw/2), he ranks first in Germany in the field of "Sport Science". He has an H-index of 61 (i10-index 190) and has raised more than 8 million Euros in third-party funding, including 12 DFG projects. He holds coaching licenses in the sports of soccer, tennis, snowboarding, alpine skiing and is author of textbooks on soccer training. His institute cooperates with various Bundesliga soccer teams and DAX companies and organizes the first master's degree course in "Match Analysis".

SPEAKERS & EXPERT COMMITTEE



Dr. Yang Chang Ming

Speaker

Dr. Yang Chang Ming is currently CEO at Ming Young Biomedical Corporation from Taiwan. With combined educations from Electrophysics and Medicine, he has been devoting to R&D in Smart Textile and Wearable Technology for more than two decades, particularly in textile sensors and smart clothing for ECG, respiration, posture, gait analysis etc. The results demonstrate smart textile could be a new path for real time sport physical monitoring and to further enhancement in sport medicine. Dr. Yang has acquired 10+ EU, US, Japan patents for Textile Electronization. He has been a frequent invited speaker at CES, ICCE and MEDICA and issued numbers of paper to research journals in IEEE, EMBC, BSN, BHI, ICCE.



Dr. Roeland Mingels

Speaker

Dr. Roeland Mingels is the Head of R&D at FLOWBIO, a London based start-up that develops wearable sensors for real-time hydration monitoring in endurance sports. He obtained his PhD in Bioelectronics and Biosensors at the University of Southampton working on implantable medical devices, biosensors and microfluidics. He has worked on several projects in the medical, veterinary and environmental field in both industry and academia. In 2021 he joined the team at FLOWBIO and has been leading the developments in the sensor space as well as the back-end algorithms to provide users with the most accurate and actionable fluid and electrolyte replacement strategies.



Dr. Max Müller

Speaker

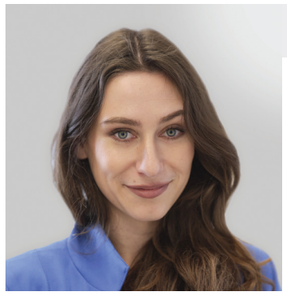
Dr. Max Müller followed his passion for sports and technology, starting with an engineering degree at the Technical University of Munich and the Rush Medical College Chicago, eventually receiving a PhD from a work focusing on the effects biofeedback systems in training. With 15 years of track record in science and the med-tech business, he works with his team at Moticon to support scientists, coaches and therapists around the globe with cutting-edge wearable sensor products and advanced analytics for objectivized movement analysis, benefiting performance sports, prevention and rehab. As co-founder and CEO of Moticon, he is overseeing strategic customer relationships and keeps pushing the technological limits by initiating research programs and carrying the overall product ownership.



Dr. med. Nicole Müller

Speaker

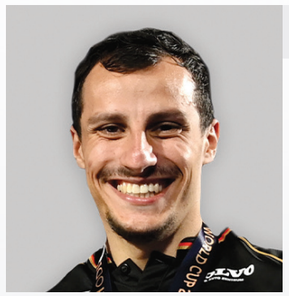
Dr. Nicole Müller was born in Düsseldorf, Germany in 1975 and grew up near Bremen, Germany. She completed a one-year internship at Glendale Memorial Hospital in California (1994-95) and a volunteer year in emergency medicine (1995-96). She studied medicine in Marburg (1996-2001) and completed her residency in general pediatrics at the Children's Hospital in Wuppertal (2002-2007). She then specialized in neonatology, pediatric intensive care, pediatric cardiology and sports medicine at the University Hospital of Bonn. Since 2014, she has been a senior physician for pediatric cardiology at the Children's Heart Center Bonn, and since 2023, she has been head of the Department of Sports Medicine at the Children's Heart Center Bonn.



Maria Neugschwender

Speaker

During her studies and research activities at Fraunhofer IWU, **Maria Neugschwender** focused on the development of printed sensor technology, specifically electromyographic sensor arrays, as well as production planning within the printing technology field. Her work was recognized with the Fulbright Leadership and Entrepreneurship Scholarship, one of the most prestigious scholarship programs worldwide. As the CEO of Noxon, she now leverages her expertise to translate these advancements into prototypes, products, and new insights.



Timur Oruz

Speaker

Timur Oruz is a German national field hockey player who was an Olympic bronze medalist in 2016 and World Champion in 2023. Timur Oruz played for Crefelder HTC since his youth. At the 2016 Olympic Games in Rio de Janeiro, Timur Oruz was part of the German squad along with five other players from Rot-Weiss Köln. He won a bronze medal with the Olympic field hockey team at those games, and was awarded the Silver Laurel Leaf for his efforts on November 1, 2016. At the 2023 World Cup in Bhubaneswar, Oruz played in all seven matches, including the final against Belgium. Germany became world champions in the shootout. In total, Oruz has played +100 international matches to date.



Prof. Dr. Yannis Pitsiladis

Speaker

Prof. Dr. Yannis Pitsiladis is a Professor of Sport and Exercise Science at the Baptist University Hong Kong. He has an established history of research into the importance of lifestyle and genetics for human health and performance. He created the largest known DNA biobank from world-class athletes during his 15-year tenure at the University of Glasgow, Scotland. Professor Pitsiladis is a member of several scientific commissions, including the International Olympic Committee (IOC) Medical and Scientific Commission, the Executive Committee and Scientific Commission of the International Federation of Sports Medicine (FIMS), and the Scientific Commission of the European Federation of Sports Medicine (EFSMA). He has published over 180 peer-reviewed papers, written and edited several books, and has been featured in numerous research documentaries and popular books.



Prof. Dr. Dr. Markus Raab

Speaker

Prof. Dr. Dr. Markus Raab is the Head of the Institute of Psychology at the German Sport University Cologne and the Head of the Department Performance Psychology. He worked at the Center for Adaptive Behavior and Cognition, Max Planck Institute for Human Development, at universities in Berlin and Heidelberg. He received a PhD in sport-science and in psychology. He is past-president of FEPSAC, was vice-president of asp and deputy spokesperson of DGPs. He is currently editor in chief of Psychology, Sport and Exercise. He has supervised 16 PhDs (14 prices for their work). He received 15 awards from societies in psychology and sports. The focus of the research program in performance psychology is on motor learning, motor control and judgment and decision making in sports. He favors a simple heuristic and an embodied cognition approach to falsify his predictions in Raab (2017). Sport and exercise psychology in 2050.

SPEAKERS & EXPERT COMMITTEE



Dr. Marcus Schmidt — Speaker

Marcus Schmidt currently works at the Institute for Sport and Sport Science, TU Dortmund University. He studied Physical Education and Mathematics and was an athletics coach. Marcus holds a phd since June, 2018 and does research in Sprint and Jumping diagnostics by means of IMUs. He also focusses on evaluating the accuracy, reliability and validity of commercially available MEMS-sensors. Additionally, Marcus does research in the field of eccentric strength training, mainly regarding the execution quality of the Nordic Hamstring Exercise with a focus on injury prevention strategies and underlying concepts of motor learning, especially in the female athlete. He is also acitive as a high-performance consultant to team sports and athletics with cooperations to many clubs and associations.



Dr. med. Christopher Schneeweis — Speaker

Dr. med. Christopher Schneeweis studied Medicine in Gießen/Germany and received his medical degree in 2006. He was trained in internal medicine and cardiology at the German Heart Institute/ Charité Berlin/Germany, where he developed his special interest in cardiac imaging, especially in magnetic resonance (CMR) imaging. The field of CMR has been his main clinical and scientifical interest for more than 13 years. In the last years he worked as senior consultant at a hospital in Cologne. He developed and established there the cardiovascular imaging program with CMR and CT. In 2021, he started his own practice called "Herz-MRT Rheinland", dedicated exclusively to CMR, which is also a cooperation partner of the Rhineland Olympic Training Centre. He also works as a cardiologist in the practice "Die Kardiologie Köln Süd", which in addition to general cardiology also has a special focus on sports cardiology.



Dipl.-Ing. Sebastian Wille — Speaker

Dipl.-Ing. Sebastian Wille works together with his team at Wille Engineering on innovative solutions for sports science, diagnostics and medicine. After studying electrical engineering and information technology, he worked for many years at the Technical University of Kaiserslautern and has meanwhile written over 20 publications. He founded the "Symposium für Ineratialsensorik" in 2022 and together with Marcus the podcast "Sensing Motion Science". Sebastian combines his scientific expertise with many years of experience as an entrepreneur and is always happy to create new solutions with a lot of passion.



Prof. Dr. Dr. Philipp Zimmer — Speaker

Prof. Dr. Dr. Philipp Zimmer is Executive Director of the Institute and Head of Research Unit 1: Performance and Health (Sports Medicine) at the Technical University of Dortmund since May 2021. From 2015 to 2019, he was head of the research group Sport (Neuro)Immunology at the Institute for Circulation Research and Sports Medicine at the German Sport University Cologne (DSHS). From 2016 to 2019, he was a postdoctoral fellow at the Department Exercise, Prevention Research and Cancer at the German Cancer Research Center (DKFZ) in Heidelberg. From January 2012 to 2014, he was a research associate at the Institute of Circulation Research and Sports Medicine at the DSHS.



Prof. Dr. med. Herbert Löllgen — Expert Committee

Prof. Dr. med. Herbert Löllgen FACC, FAHA, F.FIMS,F.UEMS Education in medicine and sports sciences with State Doctorate MD 1968, Bonn, Germany. Specialist training in internal medicine, occupational and sports medicine at Universities of Mainz, Copenhagen (Bengt Saltin) and German Sports University, Cologne. Qualifications in Internal Medicine, Cardiology 1978 (European Cardiologist) , Preventive Medicine, Echocardiography, Lecturer: Gutenberg-University, Mainz (PhD). Vice head cardiology dept. Freiburg Univ., Head of Department of Internal Medicine, Remscheid (1985-2008): Interventional Cardiology, Intensive Care Medicine, Pneumology, Sports Medicine. Space Medicine Consultant for DLR,ESA, and NASA, Houston. Private practice since 2008 (Internal Medicine, Cardiology, Sports Cardiology.



Prof. Dr. med. Rüdiger Reer — Scientific Head of Program & Expert Committee

Prof. Dr. med. Rüdiger Reer is the Secretary General of the German Sports Medicine Association DGSP (Deutsche Gesellschaft für Sportmedizin und Prävention) and Deputy Director of exercise science of Hamburg University, Germany. He is member of the DGSP, American College of Sports Medicine, the European College of Sport Science and Hamburg Sports Medicine Association. Focus of his research is on spiroergometry of swimmers in performance diagnostics, exercise therapies for different disease patterns. In 2000, he won the International Science Award (ICSSPE) in Clinical Sciences in Brisbane, Australia.



Prof. Dr. Ansgar Schwirtz — Expert Committee

Prof. Dr. Ansgar Schwirtz is professor since 2002 for biomechanics in Sports at the Technial Univerity Munich. He has been Dean of the Faculty of Sports and Health Sciences there since October 2013. After completing his postgraduate and doctoral studies at the DSHS in Cologne, Schwirtz received his doctorate in "Movement Technology and Muscular Coordination in Cross-Country Skiing". Since 2019 he is the president of DVS, the german association for sport science.



Christian Stammel — Speaker & Expert Committee

Christian Stammel is founder and CEO of WT Wearable Technologies Group and Navispace AG. Born in 1969, he successfully enables innovation and cooperation in the Internet of Things and wearables sector. Christian had already founded his first IT company during his university years, which went public in 2000. He is one of the digital pioneers with a track record of over 20 years in IoT and has created some world´s firsts including an ECG shirt in 2002. He advises some of the biggest tech companies and organizes with his teams important networking platforms in the US, Europe, Asia and Australia.



Prof. Dr. med. Jürgen Steinacker

Expert Committee

Prof. Dr. med. Jürgen Steinacker, Dr. h.c., FACSM, FECSS, is Professor at Ulm University and head of the division of Sports and Rehabilitation Medicine. The division provides outpatient care in cardiology and sports medicine, rehabilitation services for cardiac and cancer patients, a physiology and performance center for top athletes, and a molecular muscle biology laboratory. He was international rower from 1973-84, team doctor of German rowing since 1989, and member of International Rowing Federation (FISA) Sports Medicine Commission since 2000 (since 2017 Chair). Among others, he is Chair of Exercise is Medicine Europe, Chief Editor of the German Journal of Sports Medicine, and vice chair of the Scientific Committee of the German Society of Sports Medicine. He has published 301 original and review papers in peer reviewed journals and is editor of 13 books or special editions.

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Conference Venue



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+ SPORTS CONFERENCE
15 & 16 November 2023

More information: **www.medica.de/mmsc2**

SAVE THE DATE 2024
12TH MEDICA MEDICINE + SPORTS CONFERENCE
13 & 14 November 2024

11TH MEDICA MEDICINE + SPORTS CONFERENCE

PARTNERS

DGSP Deutsche Gesellschaft für Sportmedizin und Prävention - Deutscher Sportärztebund

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The contribution of industry partners is used exclusively for the financing of the scientific program of the medical education, the conference venue, technical equipment and catering.

Venue

Congress Center Düsseldorf Süd / CCD South / Conference Room 2
Stockumer Kirchstraße 61 / Düsseldorf / Germany

Registration and information at **www.medica.de/mmsc2**

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