



## 18<sup>th</sup> International Workshop on Behavioural Science Applied to Healthcare (BSAH) 2024

Friday, November 29, 2024		
Start	End	Session
09:00	10:00	<b>Registration and coffee</b>
10:00	10:15	<b>Welcome and introduction</b> chaired by Karina Aase Thor Ole Gulsrud, Vice-dean for research Siri Wiig, Director, Center for Resilience in Healthcare (SHARE)
10:15	11:00	<b>Effective teamwork in prehospital and emergency settings – How far have we come, and do we need more knowledge?</b>  Guttorm Brattebø, Haukeland University Hospital & University of Bergen
11:00	11:15	Quick break
11:15	12:30	<b>Oral presentations.</b> Chaired by Tanja Manser  Id 7. Patient engagement to improve patient safety in healthcare facilities: Insights from an expert consensus and in practice study. <u>Yannick Blum</u> , <u>Larissa Brust</u> , Amelie Koch, Qëndresa R. Dervishi, Nikoloz Gambashidze & Matthias Weigl, University Hospital Bonn, Germany.  Id 10. Exploring Low- and High-Level Team Coordination Dynamics in Medical Simulations. Kyana van Eijndhoven, Elwira Halgas, Josette M. P. Gevers, Annemarie Fransen & <u>Travis J. Wiltshire</u> , Tilburg University, the Netherlands  Id 5. When AI joins the diagnostic team: Effects of interacting with ChatGPT compared to a human coach on the clinical diagnostic process and outcomes. <u>Juliane E. Kämmer</u> , Wolf E. Hautz, Gert Krummrey, Dorothea Penders, Thomas C. Sauter & Nadine Bienefeld, University of Bern, Switzerland.  Id 13. How Biofeedback Works in Teams: A Literature Review. <u>Jingwen Yang</u> , Travis J. Wiltshire, Elwira A. Halgas, Kyana H.J. van Eijndhoven, Josette M.P. Gevers, Eindhoven University of Technology, the Netherlands.  Id 29. The Impact of Clinical Event Debriefing Attendance on Emotional Exhaustion and Performance: Exploring Mechanisms and Moderators in a Swiss Regional Hospital. <u>Jan B. Schmutz</u> , Mirko Antino, Zhike Lei & Walter J. Eppich, University of Zurich, Switzerland.
12:30	13:30	Lunch

13:30	14:45	<p><b>Oral presentations.</b> Chaired by Jan Schmutz-Henestrosa..</p> <p>Id 20. A sustainable model for scaling up facilitator training for simulation-based training. <u>Kjetil Torgeisen</u>, May Sissel Vadla, Benjamin Kamala, Estomih Mduma, Robert Moshiro, Paschal Mdoe, Florence Salvatory Kalabamu &amp; Hege Ersdal, SAFER simulation centre, Stavanger, Norway.</p> <p>Id 9. Validation of an EEG – based stress index for surgeons' stress assessment during real working activities. <u>Vincenzo Ronca</u>, Gisse Lidia Castagneto, Maria Irene Bellini, Alessandra Iodice, Emilia Sbardella, Ludovica Vincenzi, Valentina Sada, Pietro Aricò, Gianluca Di Flumeri, Andrea Giorgi, Alessia Vozzi, Rossella Capotorto, Stefano Bonelli, Laura Moens, Fabio Babiloni, Giovanni Casella &amp; Gianluca Borghini, Sapienza University of Rome, Italy.</p> <p>Id 11. Patient-Centered Communication and Collaboration in Hand-Wrist Orthopedic Care: A Patient Journey Mapping Study. <u>Yutian Sun</u>, Hanneke Merten, Martine de Bruijne &amp; Marijke Melles, Amsterdam Public Health Research Institute, the Netherlands.</p> <p>Id 18. Interprofessional perspectives on the implementation of intraoperative briefings and changes in collaboration: an interview study. Manuela Lehmann, <u>Beate Ninow</u>, Carolina Mejia Perez, Sandra Keller &amp; Tanja Manser, University of Applied Sciences and Arts Northwestern Switzerland, Switzerland.</p> <p>Id 15. Team adaptive capacity and adaptation in dynamic environments: A scoping review of the literature. <u>Natalie Sanford</u>, Olivia Lounsbury, Gabriel Reedy, Dame Anne Marie Rafferty &amp; Janet E Anderson, King's College London, United Kingdom.</p>
14:45	15:00	<p><b>Poster session.</b> Chaired by Siri Wiig</p> <p>Id 1. Team dynamics in robotic-assisted surgery: A framework for conceptualizing team dynamics in robotic-assisted surgical teams and implications for future research. <u>Kyi Phyu Nyein</u>, Jan B. Schmutz, Emily Huang, Barry B. McGuire &amp; Claire Condron, Royal College of Surgeons in Ireland University of Medicine and Health Sciences, Ireland.</p> <p>Id 4. Among Novices and Experts: How Does Team Composition Affect the Diagnostic Process and Outcomes? A PhD Research Plan. <u>Lara Morscheck</u> &amp; Juliane E. Kämmer, University of Bern, Switzerland.</p> <p>Id 6. The impact of patient engagement on patient safety in care transitions after cancer treatment: A systematic review and meta-analysis. <u>Larissa Brust</u>, Teresa Pöll, Ingo Schmidt-Wolf &amp; Matthias Weigl, University Hospital Bonn, Germany.</p> <p>Id 12. Virtual reality for assessment in undergraduate nursing and medical education – a systematic review. <u>Andrea N. Neher</u>, Florian Bühlmann, Martin Müller, Christoph Berendonk, Thomas C. Sauter &amp; Tanja Birrenbach, University of Bern, Switzerland.</p> <p>Id 19. Identifying task requirements, workflow processes, and technological constraints of virtual multidisciplinary tumor board meetings: An observational study. <u>Kathrin Adamietz</u>, Jan Arensmeyer, Philipp Feodorovici, Joachim Schmidt &amp; Matthias Weigl, University of Bonn, Germany.</p>

		<p>Id 22. A meta-review of Situation Awareness assessment. <a href="#">Laura L. Moens</a>, Sinéad Lydon, Paul O'Connor, Sara Cucurachi, Thomas Sauter, Gian-Andri Toendury &amp; Tanja Manser, University of Applied Sciences and Arts Northwestern Switzerland, Switzerland.</p> <p>Id 23. Quality of Reflection Behaviors in Debriefings of Simulation-Based Training of Medical Personnel – A Systematic Review. <a href="#">Arndt Pool</a>, Thomas Walker &amp; Jan B. Schmutz, University of Zürich, Switzerland.</p>
15:00	15:30	Break
15:30	16:30	<p><b>Oral presentations.</b> Chaired by Travis Wiltshire</p> <p>Id 38. Navigating the complexities of emergency department coordination: A qualitative exploration of lead nurses' strategies and challenges using a tabletop sandbox simulation. Karin Pukk Härenstam, Gesa Praetorius, Mirjam Ekstedt &amp; <a href="#">Karl Hybinette</a>, Karolinska University Hospital, Sweden</p> <p>Id 2. Human-centred Artificial Intelligence in Medicine – getting rid of the false human versus AI dichotomy. <a href="#">Fokje Crossen</a>, University of Groningen, the Netherlands.</p> <p>Id 16. The interrelation between noise levels, activity and critical patient states during surgical operations: a temporal analysis. Katharina Seidl, Franziska Tschan, Norbert K. Semmer, Guido Beldi, Daniel Candinas &amp; <a href="#">Sandra Keller</a>, Bern University Hospital, Switzerland.</p> <p>Id 21. Support4Resilience - Strengthening resilience and mental wellbeing through the Support4Resilience toolbox for leaders in elderly care. <a href="#">Siri Wiig</a>, Cecilie Haraldseid-Driftland, Kristin Akerjordet, Daniel A. Lungu, Petter Viksveen, Veslemøy Guise, Annie Haver, Inger Johanne Bergerød, Malin Knutsen Glette, Henriette Thune, Eine Ree, Teklay Kidanemariam, Pegah Sedgh, Maha Kamran, Shalini Frøiland and Hilda Bø Lyng, University of Stavanger, Norway.</p>
16:30	17:15	<p><b>Nothing about me without me? Patients and families as integral team members for the provision of safe care</b></p> <p>Jane O'Hara, University of Cambridge &amp; University of Leeds</p>
19:00		Dinner at Bølgen & Moi

<b>Saturday, November 30, 2024</b>		
<b>Start</b>	<b>End</b>	<b>Session</b>
09:00	09:15	Introduction
09:15	10:00	<p><b>Interprofessional teamwork in primary care: The role of functional heterogeneity, leadership and autonomy</b></p> <p>Alissa Lysanne van Zijl and Bram Steijn, Erasmus University Rotterdam</p>
10:00	10:15	Break
10:15	11:15	<p><b>Oral presentations.</b> Chaired by Sissel E Husebø</p> <p>Id 24. Patterns of Communication and Cognitive Workload During Cardiac Surgeries. <u>L. Wietzorrek</u>, N. Craenen, M. Mariani, F. Cnossen, University Medical Centre Groningen, the Netherlands.</p> <p>Id 14. Measuring Negative Emotions and Stress based on Acoustic Correlates in Speech: A Systematic Review. <u>Lilien Schewski</u>, Guido Beldi &amp; Sandra Keller, University of Bern, Switzerland.</p> <p>Id 34. Enabling adaptive capacity in different types of hospital teams. <u>Birte Fagerdal</u>, Veslemøy Guise, Hilda Bø Lyng, Siri Wiig, University of Stavanger, Norway.</p> <p>Id 31. Barriers and Facilitators to the Design and Delivery of Social Prescribing Services to Support Adult Mental Health: Perspectives of Social Prescribing Service Providers. <u>Matthew Cooper</u>, Darren Flynn, Jason Scott, Kirsten Ashley, Leah Avery, Newcastle University, United Kingdom.</p>
11:15	11:30	<p><b>Poster session.</b> Chaired by Siri Wiig</p> <p>Id 25. Barriers and Facilitators to the use of Virtual Wards: A systematic review of the qualitative evidence. <u>Sara Cucurachi</u>, Sinéad Lydon, Laura Moens, Tanja Manser &amp; Paul O'Connor, University of Galway, Ireland.</p> <p>Id 26. Initial Insights on Conflicts in Operating Rooms. <u>Marija Topalovic</u>, Birgitte Bruun, Jan Schmutz, Tenna Kershøj Petersen, Lene Russell &amp; Peter Dieckmann, Copenhagen Academy for Medical Education and Simulation (CAMES), Denmark.</p> <p>Id 33. Developing a training process to assist experienced healthcare workers while transitioning from an old to a new work practice. <u>Kristy E. Stohlmann</u>, Siri Wiig, Stephen Billett &amp; Cecilie Haraldseid-Driftland, University of Stavanger, Norway.</p> <p>Id 35. Leveraging Behavioral Science for Primary Health Care: Insights from a Field Experiment on Maternal Care Demand Generation in Northern Nigeria. <u>Mohammed M. Alhaji</u>, Laila Umar, Zara Haruna Shayau, Zainab Ibrahim Isah, Nosa Preston Otighile, Maryam Yusuf &amp; Yakubu Ozohu-Sulaiman, Busara Center for Behavioral Economics, Nigeria.</p> <p>Id 36. Using the theoretical domains framework to inform the development of a post-discharge intervention to optimise medicines for people with chronic obstructive pulmonary disease. <u>Torbjørn Nygård</u>, David Wright, Hamde Nazar, Reidun L. S. Kjome &amp; Aase M. Raddum, University of Bergen, Norway.</p>

		<p>Id 37. Supply and Demand Barriers to PHC Maternal Care Services Uptake: Qualitative and Behavioural Insights from Gombe State, Nigeria. <u>Laila Umar</u>, Mohammed M. Alhaji, Zara Haruna Shayau, Zainab Ibrahim Isah, Nosa Preston Otoghile, Maryam Yusuf &amp; Yakubu Ozohu-Sulaiman, National Primary Health Care Development Agency, Nigeria.</p> <p>Id 39. Exploring medication safety practices in anaesthesia – work in progress. Lindis Meland –Tangen, Torunn Lind, Anne Strand Finstad, <u>Elizabeth Reine</u>, Oslo University Hospital, Norway.</p>
11:30	12:30	<p><b>Oral presentations.</b> Chaired by Martine de Bruinje</p> <p>Id 30. Communicating with non-speaking patients: A survey of practices and their impact on patient care in Swiss intensive care units. <u>Tanja Manser</u>, Paola Massaroto &amp; Patrik Vanek, FNHW School of Applied Psychology, Switzerland.</p> <p>Id 27. The moderating role of safety climate on the stressors-burnout-relationship: A multimethods investigation within an ICU. <u>Nikoloz Gambashidze</u>, Elisabeth Nagy, Sandra Emily Stoll, Matthias Weigl, Cecilia Escher, Lisbet Meurling &amp; Li Felländer-Tsai, University Hospital Bonn, Germany.</p> <p>Id 32. Nursing students' perspectives on core competencies needed for facilitators in simulation. <u>Sissel Eikeland Husebø</u>, Inger Åse Reiersen &amp; Hilde Solli, University of Stavanger, Norway</p> <p>Id 8. Comparison of the ArtekMed mixed reality teleconsultation system with a standard video call system in critical care. <u>Julia Schrader-Reichling</u>, Nadine Liebchen, Frieder Pankratz, Marc Lazarovici, Selina Kim, Jennifer Tempfli, Ulrich Eck &amp; Stephan Prückner, LMU München, Germany.</p>
12:30	13:30	Lunch
13:30	14:45	<p><b>Oral Presentations.</b> Chaired by Josette Gevers</p> <p>Id 40. Team types in healthcare: Resilience and accountability. <u>Karina Aase</u>, University of Stavanger, Norway.</p> <p>Id 28. Social Network Analysis of Cancer Multidisciplinary Team Meetings. <u>Harini Dharanikota</u>, Lachlan Dick, Stephen J Wigmore, Richard JE Skipworth &amp; Steven Yule, University of Edinburgh, Scotland, U.K.</p> <p>Id 3. Translation of skills from simulation to improved clinical practice for newborn resuscitation. <u>May Sissel Vadla</u>, Estomih R. Mduma, Jan Terje Kvaløy, Paschal Mdoe, Barikiel Hhando Hhoki, Sabrina Sarangu, Paskalina Michael, Bjørg Oftedal &amp; Hege Ersdal, University of Bergen, Norway.</p> <p>Id 41. In situ simulation-based team training in healthcare – significance and transfer of learning to clinical practice. <u>Anne Strand Finstad</u>, Conrad Arnfinn Bjørshol, Ingunn Aase &amp; Randi Ballangrud, Oslo University Hospital, Norway</p> <p>Id 17. Enhancing nurses' communication about changes in psychosocial needs, including intimacy and sexuality, in patients with advanced cancer. <u>Irene P. Jongerden</u> &amp; Susanne A. M. Arends, Amsterdam UMC, the Netherlands.</p>

14:45	15:00	Break
15:00	15:45	<p><b>What is the perfect teamwork intervention? Experiences with implementation of the TeamSTEPPS program in a hospital setting</b></p> <p>Randi Ballangrud, Norwegian University of Science and Technology Oddveig Reiersdal Aaberg, University of Agder</p>
15:45	16:00	Closing and introduction to BSAH 2025 – Karina Aase and Surprise Speaker
<b>Sunday, December 1, 2024</b>		
<b>10:00 – 14:00      Trip to Utstein Monastery</b>		
<p>Contact person: Jicke Höök Meeting point: XX Time: 10:00</p>		