

# STF Technical Committee Core Member Online Meeting (October 1, 2024)



## AGENDA

- Introduction
- Report of TC Activities in 2023-2024
- Election of Committee Chair and Co-Chair
- Planning for the 2025 STF Conference: The conference is scheduled for July 3-4, 2025, at the DGUV Congress in Dresden, Germany, and will be hosted by Dr.-Ing. Christoph Wetzel. We would like to discuss ways in which our committee can support Christoph in organizing this event.
- Planning for the 2026 STF Conference
- Help to promote the 2025 Canadian Fall Prevention Conference (April 9 - 10, 2025, Toronto, Canada) <https://www.allianceon.org/event/6th-Canadian-Fall-Prevention-Conference>
- Help to promote the 2025 American Society of Biomechanics Annual Meeting (August 13 – 16, 2025 Pittsburgh, Pittsburgh, USA) <https://asbweb.org/asb-2025/>
- Help to promote the 2025 11th Biennial Australia and New Zealand Falls Prevention Conference (November 23 – 25, 2025, Sydney, Australia) <https://anzfpconference.com.au/>
- Webinar plan for 2024-2025 (suggest 2-3 webinars)
- Discussion

# Introduction-Core Members

Name	Title
Alison Novak	Secretary
Brian C. Grieser	North American STF Lead
Christoph Wetzel	STF 2025 chair
Dongyun Gu	China STF Lead
Elena Frías López	Spain STF Co-Lead
Gary Gibson	STF prevention KT Lead
Juan Queipo de Llano	Spain STF Co-Lead
Kim Gould	Industry Lead
Kurt Beschorner	Academic Lead
Nonkululeko Ntinga	African STF Lead
Rauf Iqbal	India STF Lead
Richard Bowman	Australia STF Lead
Rob Shaw	STF prevention in workplace Lead
Sara Harper	Symposium Lead
Sophia Yue Li	Co-chair
Steve Thorpe	Europe STF Lead
Takeshi Yamaguchi	Co-chair
Tilak Dutta	STF prevention in community Lead
Zuzana Fajfrova	Testing methods Lead

# Report of TC Activities in 2023-2024

- Webinar on October 23, 2023
  - Wintertime Slip, Trip, & Fall Prevention, Professor Ruth Barclay (University of Manitoba) & Professor Sophia Yue Li (KITE Research Institute-UHN & University of Toronto)
- Webinar on March 5, 2024
  - A Fall on Stairs: Improving Safety through Augmented Reality, Professor Satoshi Miura (Tokyo Institute of Technology)
- IEA-STF 2024
  - 16 lecture presentations & 12 poster presentations

# IEA-STF 2024

August 28(Wed) 08:30-10:00		Slips, Trips and Falls 1			
Chair	Jieun Lee, Pukyong National Univ	August 28(Wed) 10:15-11:45		Slips, Trips and Falls 2	
08:30-08:45	<b>MEASURING REAL-WORLD SLIP</b> <i>Tilak Dutta, Davood Dadkhah, I</i>	Chair	Tiju Baby, Hanyang University ER	August 28(Wed) 13:15-14:45	
08:45-09:00	<b>EFFECTS OF FOOT-FLOOR FRICT</b> <b>WALKING: A COMPUTATIONAL S</b> <i>Takeshi Yamaguchi, Naoto Izun</i>	10:15-10:30	<b>Wearable Slip Measurement In</b> <i>Samuel Dallain, Alexis Lussier,</i>	Chair	Jackie Cha, Clemson University
09:00-09:15	<b>Recognition of Physiological Pa</b> <i>Nicholas Cartocci, Antonios E. (</i>	10:30-10:45	<b>A NECESSARY INTERVENTION: I</b> <b>RESISTANCE STANDARD</b> <i>Richard Bowman</i>	13:15-13:30	<b>Further work with the Slider 55 Pendulum test.</b> <i>Stephen Thorpe, Keith Palmer, Simon Hall, Ben Powers, Ian Roberts</i>
09:15-09:30	<b>Advancing Footwear Safety: A F</b> <b>Technology</b> <i>Sophia Yue Li, Sanja Hulec, Ali .</i>	10:45-11:00	<b>MEASUREMENT OF GROUND RI</b> <b>SYSTEM EQUIPPED WITH TRIA)</b> <i>Hide Matsumoto, Masaki Tomc</i>	13:30-13:45	<b>Slips, Trips and Falls. A Novel Accelerated Wear Method.</b> <i>Stephen Thorpe, Ben Powers, Steven Rawden, John Adams</i>
09:30-09:45	<b>Enhancing Worker Safety: Real-</b> <b>from Heights at Construction S</b> <i>Doil Kim, Shuping Xiong</i>	11:00-11:15	<b>GAIT ANALYSIS OF YOUNG AND</b> <i>Toshiaki Nishi, Hide Matsumot</i>	13:45-14:00	<b>A Skeleton-based Real-time Fall Detection System for Older People Using a Single RGB Camera and Edge Computing</b> <i>Xiaoqun Yu, Yafeng Niu, Xiaozhou Zhou, Wenyu Wu, Chengqi Xue, Shuping Xiong</i>
09:45-10:00	<b>Ice grip performances of rubbe</b> <i>Kei Shibata, Akihiro Ohnihsi, Sa</i>	11:15-11:30	<b>Berg balance scale as label of p</b> <i>Ornwipa Thamsuwan, Yasmine</i>	14:00-14:15	<b>BGHW Warehouse Simulation – Virtual Reality Supports Prevention of Slip, Trip and Fall (STF) Accidents</b> <i>Christoph Wetzel</i>

# **Election of Committee Chair and Co-Chair**

# Upcoming STF Conference 2025

Organizer: Dr.-Ing. Christoph Wetzel

Date: Thursday-Friday, 3-4 July, 2025 (Hybrid)

Venue: DGUV Congress, Dresden, Germany



# Planning for 2024-2025

- Planning for the STF Conference 2026 (June 18-19, 2026)
- Help to promote the 2025 Canadian Fall Prevention Conference (April 9 - 10, 2025, Toronto, Canada) <https://www.allianceon.org/event/6th-Canadian-Fall-Prevention-Conference>
- Help to promote the 2025 American Society of Biomechanics Annual Meeting (August 13 – 16, 2025 Pittsburgh, Pittsburgh, USA) <https://asbweb.org/asb-2025/>
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