



IEA Slips, Trips and Falls Technical Committee meeting

Agenda

1. Opening welcome – Richard Bowman
2. Apologies – Richard Bowman
3. Chair's report on activities – Richard Bowman
4. Announce the new co-chairs – Richard Bowman
5. New Committee and its structure – Sophia Yue Li
6. STF2022 Sendai and future meetings - Takeshi Yamaguchi
7. Other TC activities and projects, such as website, membership building, and the TC's mission - Takeshi Yamaguchi
8. General Business & Discussion - Sophia Yue Li
9. Close



IEA
VANCOUVER
2021

Slips, Trips and Falls Technical Committee Business Meeting Chair's Report

The way forward

Richard Bowman

**Chair, IEA TC on Slips, Trips and Falls, 2015-
2021**

Intertile Research, Australia

slipbusters@gmail.com



**YOU
ARE
HERE**

We're a mixed bunch,
but with a common
aim of falls
prevention

- A basket case lacking the basket? (\$\$\$)
- How do we curate what we have?
- How do we find paths forward?

“We must indeed all hang together, or most assuredly, we shall all hang separately” – Benjamin Franklin



- 2015 IEA Melbourne
- STF 2016 London “The Way Forward”
- STF 2017 Toronto
 - Qualicer 2018 Satellite meeting, Castellon
- 2018 IEA Florence
 - 2019 ???
- STF 2020 Madrid “A Vision for the Future”
- 2021 IEA Vancouver
 - **Qualicer 2022 Satellite meeting, Castellon**



IEA STF TC satellite meetings at

QUALICor'22
 14-15 FEBRUARY 2022
 CASTELLÓN, SPAIN

Castellon, Spain
 14-15 February 2022



<https://www.stfmadrid2020.com/> “A Vision for the Future”

Madrid Conference Proceedings: https://af1f3fa0-867a-4e5a-a60a-e2070984b638.filesusr.com/ugd/022861_9a8a73fd23d94502add40687d8833301.pdf

Apertura institucional / Opening Ceremony

Ángel Castillo Talavera. *Director. Instituto de Ciencias de la Construcción Eduardo Torroja. CSIC*

Luis Vega Catalán. *Subdirector. Dirección General de Arquitectura. Ministerio de Transportes, Movilidad y Agenda Urbana*

Javier Pinilla García. *Director. Instituto Nacional de Seguridad y Salud en el Trabajo*

Jesús Ángel Celada Pérez. *Director General, Políticas de Apoyo a la Discapacidad. Director, Real Patronato sobre Discapacidad*

José Luis Parra y Alfaro. *Director. Escuela Técnica Superior de Ingenieros de Minas y Energía. Universidad Politécnica Madrid*

Richard Bowman. *Chair. Slip, Trips and Falls Technical Committee. International Ergonomics Association*

Miguel Sánchez Fernández. *Presidente. Slips Resistance Group of Spain. SRGS*



Jesús Ángel Celada Pérez
Director General, Políticas de Apoyo a la Discapacidad.
Director, Real Patronato sobre Discapacidad.

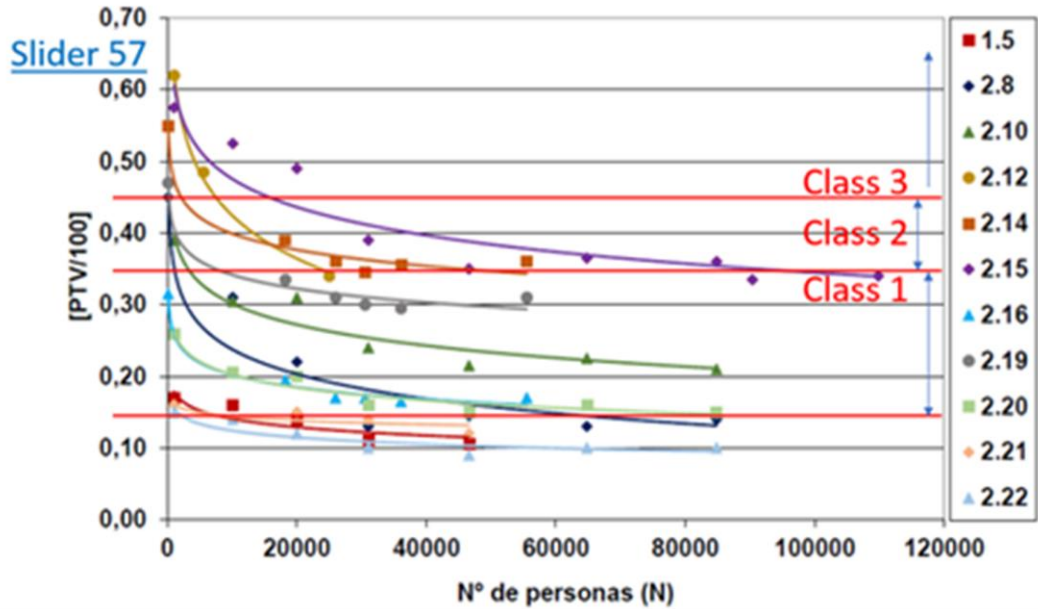
This is an important and troubling cause of accidents in the workplace



Juan Manuel Iriarte
Director Técnico de Laboratorio de resbaladizidad
Miembro Experto Comité AENOR-CTN41/SC 11 deslizamiento
Miembro Comité Europeo CEN/TC 339 Methods of Slip Resistance

It's what we've been doing in Navarre for over eight years now.

Take life cycle perspectives



Shoe passes test
Continue to use



Shoe fails test
Replace ASAP

for effective fall prevention outcomes



Kurt E. Beschoner
University of Pittsburgh



Sarah L. Hemler

University of Pittsburgh, Department of Bioengineering

Crear un calzado mejor para que la gente resbale y se caiga menos.

2022 IEA STF TC Satellite Meetings

(still being finalised) February 14 or 15?

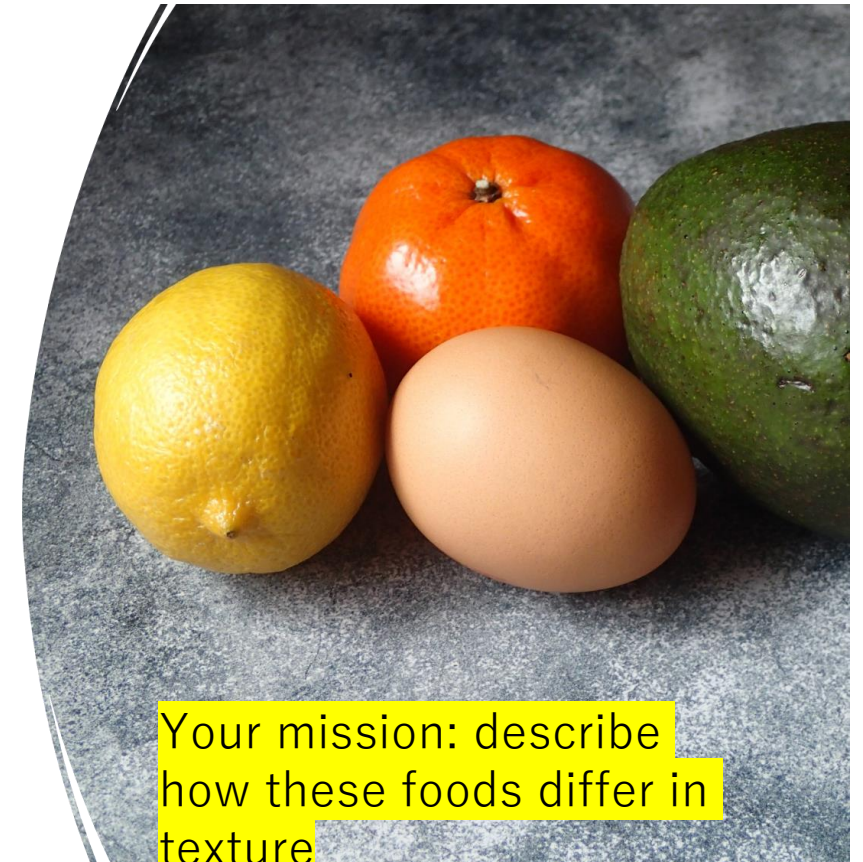
Special Qualicer slip resistance session:

Timeless slip resistance safety? Get a grip on yourself!

Satellite workshops to:

- share and improve accelerated wear conditioning protocols
- develop classifications for surface topography and texture

Anyone from any industry is welcome to participate



Your mission: describe how these foods differ in texture

IEA TC chairs have a maximum life cycle of 6 years

Please welcome our new co-Chairs for the next 3 years



Dr. Sophia Yue Li
Partnership Manager & Staff Scientist
The KITE Research Institute, TRI-UHN



Dr. Takeshi Yamaguchi
Associate Professor
Tohoku University

Objectives of STF TC

1. To facilitate communication among members around the world
2. To help organize international STF symposia at major international conferences
3. To help coordinate activities among regional organizations and individuals
4. To promote collaboration among members and organizations

5. New Committee and its structure

- Co-Chairs: Takeshi Yamaguchi (Tohoku University, Japan)
Sophia Yue Li (KITE | Toronto Rehabilitation Institute | University Health Network, Canada)
- Secretary
- Academic lead
- Industry lead
- Community lead
- Sponsorship lead
- Media lead (someone young so could promote us on all kinds of media platforms, such as LinkedIn, Twitter, Instagram, facebook, etc)

5. New Committee and its structure

- Regional leads (each regional lead will help promote participants in our activity from each region)
 - North American STF
 - South American STF
 - Asia STF
 - Europe STF
 - Australia STF
 - Africa STF

5. New Committee and its structure

- Track leads: each track lead will need to organize one workshop/webinar/seminar per year and organize the tracks for STF conferences
- Wearable technologies for STF
- Testing methods of STF (including floor and footwear friction, tribometers and human-centred testing methods)
- STF and environments (including fall from height)
- STF prevention in workplace and community
- Demographic risk factors of STF

6. Past and future STF conferences

2007 Hopkinton, USA

2008 Nottingham, UK

2009 Beijing, China (IEA2009)

2010 Morgantown, USA

2011 Buxton, UK

2012 Recife, Brazil (IEA2012)

2013 Tokyo, Japan

2015 Melbourne, Australia (IEA2015)

2016 London, UK

2017 Toronto, Canada

2018 Florence, Italy (IEA2018)

2020 Madrid, Spain

2021 Vancouver, Canada (virtual, IEA2021)

2022 Sendai, Japan

2023 Europe (TBD)

2024 Jeju island, Korea (IEA2024)

2025 North America (TBD)

2026 TBD

2027 London, UK (IEA2027)



STF Sendai 2022

The International Conference on Slips, Trips, and Falls

SENDAI, July 22-23, 2022

Science Campus Hall, Tohoku University, Sendai, Japan



Where is Sendai in Japan?



■ Population **1,097,636**

*June 2021

■ From Tokyo

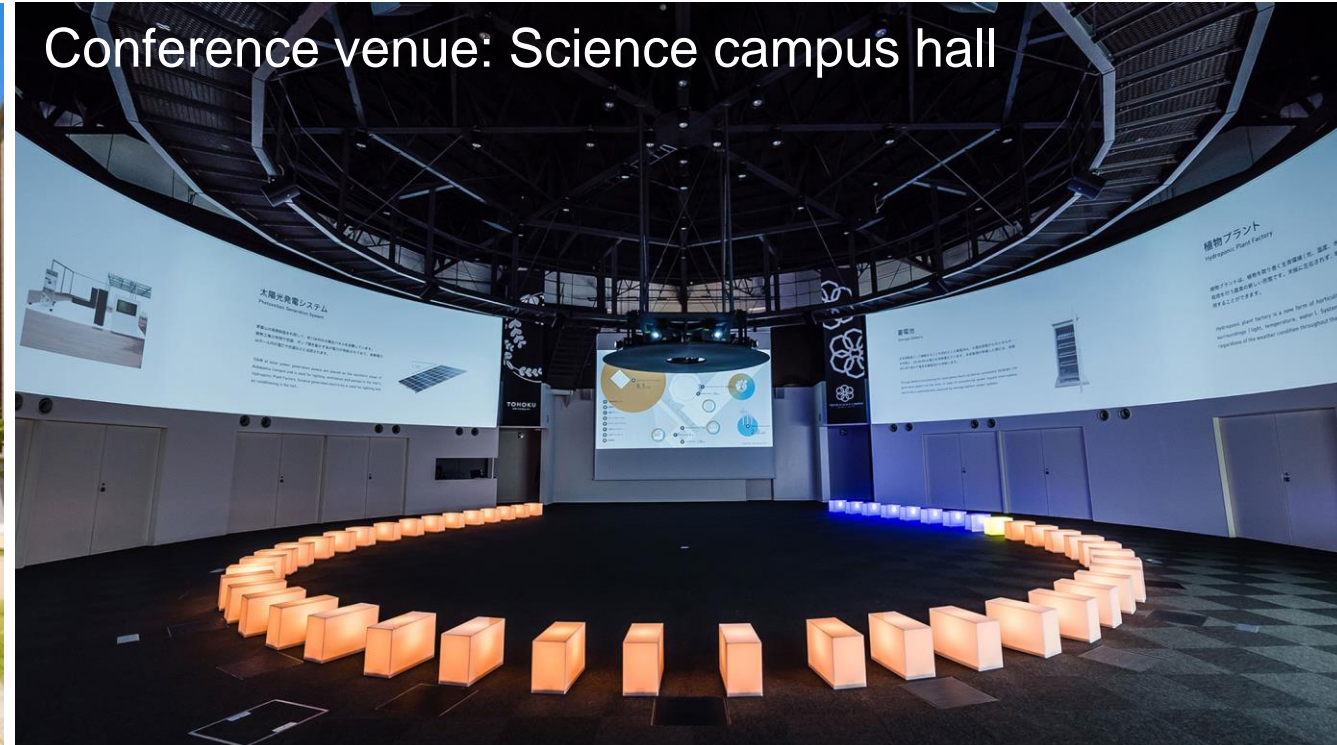
350 km

1.5 hours by Shinkansen

17 km from Sendai Airport (25 min by train)

Outline of STF Sendai 2022

1. **Conference date : July 22 and 23, 2022**
2. Conference venue: : Science campus hall, Tohoku University
3. Organizer: IEA Slips, trips, falls technical committee
4. Co-sponsored by School of Engineering, Tohoku University (TBD)
5. Supported by National Institute of Occupational Safety and Health, Japan (JNIOSH), Japan Ergonomics Society, Society of Biomechanisms Japan, and Japanese Society for Fall Prevention (TBD)



Organizing Committee

- Takeshi Yamaguchi
(Conference Chair, Tohoku University, Japan)
- Kei Shibata (Secretariat, JNIOOSH, Japan)
- Katsutoshi Ohdo (JNIOOSH, Japan)
- Akihiro Ohnishi (JNIOOSH, Japan)
- Atushi Sugama (JNIOOSH, Japan)
- Yoshiyuki Kobayashi (AIST, Japan)
- Hisao Nagata (Advisor, JNIOOSH, Japan)



Scientific Committee

- Prof. Satoshi Muraki (Kyushu University, Japan)
- Assoc. Prof. Yasutaka Nakajima (Kyushu University, Japan)
- STF TC members

Schedule (tentative)

- Conference website open: August, 2021
- Abstract submission: September, 2021 – December, 2021
- Notification of acceptance: By end of January, 2022
- Early bird registration: January, 2022 – May, 2022

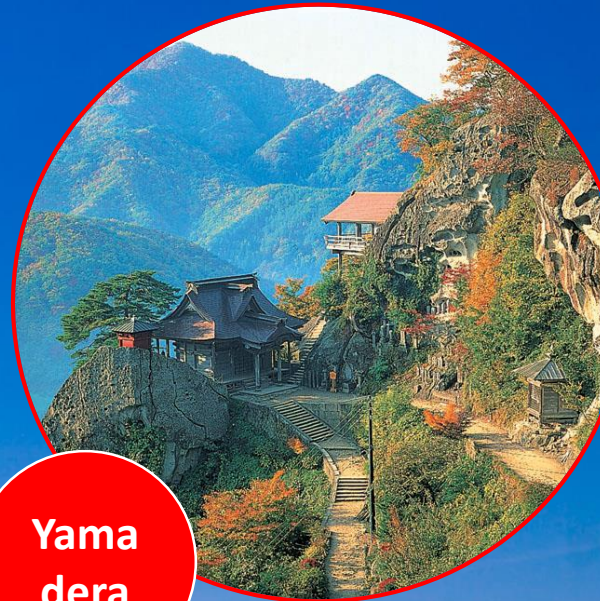
Call for symposium and/or workshop

Please **propose symposium and/or workshop by September**, e.g.:

- Wearable technologies for STF
- Testing methods of STF (including floor and footwear friction, tribometers and human-centred testing methods)
- STF and environments (including fall from height)
- STF prevention in workplace and community
- Demographic risk factors of STF



Matsu-shima



Yama-dera

STF Sendai 2022
July 22 and 23, 2022

Save your date!



Akiu Great Falls



Sendai Castle



Mt. Zao

7. Other TC activities and projects

- Launch STF TC website (outside IEA website)
- Social media
- Webinars (e.g. deliver the video of future of footwear friction workshop in IEA2021)
- Promote collaboration with other societies related to STF research (e.g. collaboration with Japanese Society for Fall Prevention in STF Sendai 2022)
- Promote collaborative research and publication
- Hold TC meeting at each STF conference

