

EMPA – MATERIALS AND TECHNOLOGIES FOR A SUSTAINABLE FUTURE

As an interdisciplinary research institute of the ETH Domain, Empa, the Swiss Federal Laboratories for Materials Science and Technology, conducts cutting-edge materials and technology research. Empa's R&D activities focus on meeting the requirements of industry and the needs of society, and thus link applications-oriented research to the practical implementation of new ideas. As a result, Empa is capable of providing its partners with customized solutions that not only enhance their innovative edge and competitiveness, but also help to improve the quality of life for the public at large, true to its mission statement: "Empa – The Place where Innovation Starts". As part of the ETH Domain, Empa is committed to excellence in all its activities.

The Laboratory for Biomimetic Membranes and Textiles is a group of about 50 researchers and students working in the fields of medical textiles, adaptive membranes, heat and mass transfer, and body simulation systems. We develop new materials and systems for better protection and increased performance of the human body, such as on adaptive and smart materials for improved human thermoregulation, personal cooling systems, as well as new sensors for body monitoring. On the modelling side, we strive for a better understanding of the complex interactions between the human body, clothing systems and the environment through continuous development and improvement of a variety of physical and physiological models.

GENERAL INFORMATION

Location Empa
Lerchenfeldstrasse 5
9014 St. Gallen

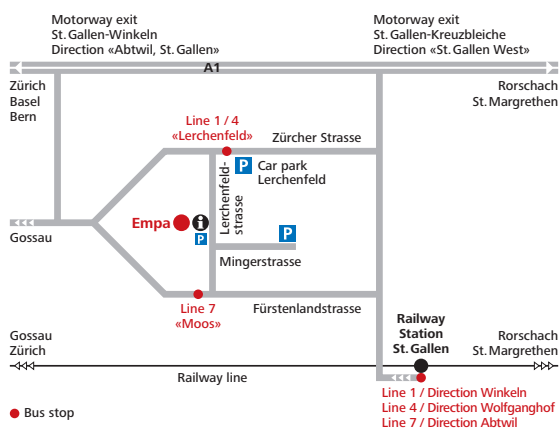
Abstract submission deadline: April 30, 2018
Abstract acceptance notification: June 1, 2018
Early-bird registration deadline: June 15, 2018

Costs <https://www.empa.ch/web/12i3m>

Registration For registration please refer to <https://www.empa.ch/web/12i3m>

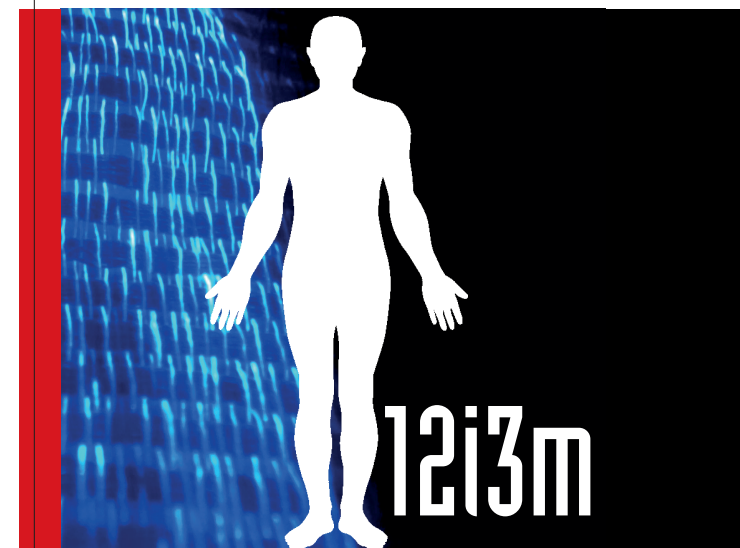
Contact Empa
Agnes Psikuta for scientific organisation
Ann-Christin Vetsch for event organisation
Laboratory for Biomimetic Membranes and Textiles
Contact email: 12i3m@empa.ch
www.empa.ch

How to get here Please do use public transport.
There is only very limited parking available.



CONFERENCE

12th International Manikin and Modelling Meeting



Empa, St. Gallen, Lerchenfeldstrasse 5
August 29-31, 2018

Conference information:
<https://www.empa.ch/web/12i3m>

TOPIC

The conference scope covers all research dedicated to:

- development and application of thermal manikins
- virtual manikins
- flame manikins and modelling of skin burns
- modelling of human thermoregulation response
- modelling of clothing and protective equipment
- intelligent clothing and equipment
- test methods and standards

TARGET AUDIENCE

The 12i3m conference provides an exchange platform for experts, engineers, technicians, scholars and students working in the field of manikins and modelling of human-environment interactions. Representatives of academic institutes, industries and enterprises can share their experiences, and find new project ideas and collaboration partners.

SCIENTIFIC COMMITTEE

Mr. Richard Burke, Thermetrics LLC, USA
Dr. Manuel Gameiro da Silva, University of Coimbra, Portugal
Dr. Emiel A. den Hartog, North Carolina State University, USA
Prof. Jintu Fan, Cornell University, USA
Dr. Ralph F Goldman, Comfort Technology Inc., USA
Prof. George Havenith, Loughborough University, UK
Dr. Kalev Kuklane, Lund University, Sweden
Dr. Harriet Meinander, Tampere University of Technology, Finland
Dr. Håkan O Nilsson, WSP Environmental, Sweden
Prof. René M Rossi, Empa, Switzerland
Prof. Shin-ichi Tanabe, Waseda University, Japan
Dr. Faming Wang, The Hong Kong Polytechnic University, Hong Kong
Prof. Wen'guo Weng, Tsinghua University, China

PROGRAM

August 29, 2018 Wednesday	Pre-conference activities such as BioMemTex lab tour, individual meetings and social event Welcome event
August 30, 2018 9:00-17:00 Thursday	Conference opening Keynote and conference presentations and poster sessions Conference dinner
August 31, 2018 9:00-16:00 Friday	Keynote and conference presentations and poster sessions Conference closing
September 1, 2018 Saturday	Post-conference social events

ORGANISING COMMITTEE

Dr. Agnes Psikuta
Dr. Simon Annaheim
Prof. Dr. René Rossi
Ann-Christin Vetsch

REGISTRATION

12th International Manikin and Modelling Meeting

Empa, St.Gallen, Lerchenfeldstrasse 5
Wednesday to Friday, August 29-31, 2018
from 8:00 to 18:00

Abstract submission deadline: April 30, 2018
Abstract acceptance notification: June 1, 2018
Early-bird registration deadline: June 15, 2018

Please register online:

<https://www.empa.ch/web/12i3m>

You will receive a confirmation by e-mail.