



TC-Hydraulics Workshop in Prague Final Program

13 November 2019 | Prague, Czech Republic | Hotel Grandium Prague

NOVEMBER 13, 2019 SESSION 1 – MORNING

“TESTING AND DESIGN OF GEOSYNTHETICS FOR HYDRAULIC FUNCTIONS”

Session Chair: Pietro Rimoldi | Session Co-Chair: Ian Fraser

1. **Index and performance testing of flow capacity of geocomposite drains**
Eric Blond – 30 minutes+ 10 minutes for questions
2. **ISO TR 18224-4: Design for drainage**
Pietro Rimoldi – 30 minutes + 10 minutes for questions
3. **Testing and Design of geocomposite drains in cold Countries**
Alexander Petriaev, Pietro Pezzano, Leonardo Martino
30 minutes + 10 minutes for questions

Coffee break – 20 minutes

4. **Full scale and laboratory testing of geosynthetics for erosion control on slope and channel banks**
Veronique Heili – 30 minutes + 10 minutes for questions
5. **Testing and design of geosynthetics for coastal protection**
Markus Wilke – 30 minutes + 10 minutes for questions
6. **Round table and Open discussion on relationships between testing and design for drainage and erosion control**
All lecturers – 20 minutes

TOTAL DURATION: 4 HOURS

COST FOR TC-H WORKSHOP ONLY

EURO 100/attendee – Reflects discounted price for active IGS members. Visit registration page for non-member rate information.

VENUE

All workshop activities will be held at the Hotel Grandium Prague, which has set aside a room block with a discounted rate of EURO 100/night for attendees. Attendees are responsible for making their own accommodation arrangements.

Hotel Grandium Reservation Deadline: 10 October 2019.

[CLICK TO BOOK YOUR ACCOMMODATION](#)

PROMO CODE: IGS2019

NOVEMBER 13, 2019 SESSION 2 – AFTERNOON

“THE FILTRATION FUNCTION OF GEOSYNTHETICS”

Session Chair: Eric Blond | Session Co-Chair: Francesco Fontana

1. **Introduction –the new standard ISO TR 18224-3 on Designing for Filtration**
Eric Blond, Solmax – 20 minutes + 5 minutes for questions
2. **Geotextile Filter Design according to German Guidelines – An Overview**
Marcus Wilke, Huesker – 20 minutes + 5 minutes for questions

3. **Unsaturated properties of geotextile and measuring the soil-water characteristics curve**
Ian Fleming, University of Saskatchewan
20 minutes + 5 minutes for questions

4. **How to choose an effective geotextile for filtration based on experience and research?**
Anne Laure Backes, Dupont de Nemours
20 minutes + 5 minutes for questions

Coffee break – 20 minutes

5. **Undoing the illusion of geotextile clogging by laboratory evaluation of entire process**
Karl Bester, Department of Water Sanitation (sponsored by GIGSA)
20 minutes + 5 minutes for questions

6. **Durability of the filtration function versus chemical clogging: an insight from drainage trenches excavated after 18 years**
Nathalie Touze or Guillaume Stoltz, IRSTEA
20 minutes + 5 minutes for questions

7. **Geotextile filters in infiltration basins of traffic areas**
Gerhard Puehringer, Fontana International
20 minutes + 5 minutes for questions

8. **Carbon Footprint Reduction Generated by the Use of Geocomposite drains on the A14 Huntingdon to Cambridge Bypass**
David Shercliff, ABG – 20 minutes + 5 minutes for questions

9. **Round table and Open discussion on design for filtration**
All lecturers – 20 minutes

TOTAL DURATION: 4 HOURS