



## 3<sup>rd</sup> WaSiM user conference / 18 - 19 October 2017

### Schedule

#### Wednesday, October 18th 2017

- 10:00            **Registration**
- 13:00 –            **Welcome, Administration and Introduction**  
13:45            *Dieter Kranzlmüller, Leibniz Supercomputing Centre*  
*Wolfgang Rieger, Technische Universität München*  
*Florian Willkofer, Ludwig-Maximilians-Universität München*  
*Jörg Schulla, Hydrology Software Consulting*
- 13:45 –            **Using WaSiM with HPC - TBA**  
14:15            *Florian Willkofer, Ludwig-Maximilians-Universität München*
- 14:15 –            **Modelling of surface and shallow groundwater resources for small scale farming in inland valleys in Dano, Burkina Faso**  
14:45            *Mouhamed Idrissou, Universität Bern*
- 14:45 –            **Coffee**  
15:15
- 15:15 –            **Landuse and soil parameter sensitivities in WaSiM and their impact on flood generation**  
15:45            *Sonja Teschemacher, Technische Universität München*
- 15:45 –            **Climate change, permafrost decline and its hydrological impact in the Sheldrake catchment (Québec, Canada)**  
16:15            *Lingxiao Wang, Ludwig-Maximilians-Universität München*
- 16:15 –            **Forcing the Penman-Monteith formulation with CFSR reanalysis fields in the scope of a regional hydroclimatic study**  
16:45            *Simon Ricard, Laval University (per remote)*
- 16:45 –            **Round table I**  
18:00
  - Topic A – Soil & Land Use (inc. groundwater)
  - Topic B – Snow & Glacier
  - Topic C – HPC & IT
- 19:00 - open    **Evening Event: Gasthof Neuwirt Garching**

## Thursday, October 19<sup>th</sup> 2017

- 09:00 – **Cold region hydrology developments and simulations**  
09:30 *Ronald Daanen, Alaska Geological Survey*
- 09:30 – **Measurement based evaluation of different snow models in WaSiM for small subalpine catchments**  
10:00 *Matthias Kopp, Technische Universität München*
- 10:00 – **A canopy snow interception extension for WaSiM**  
10:30 *Kristian Förster, Universität Innsbruck*
- 10:30 – **Coffee**  
11:00
- 11:00 – **A HEC-RAS and GIS Based Floodplan Mapping of Surma River Basin in Sylhet Region, Bangladesh**  
11:30 *Md. Azizur Rahman, Leading University Sylhet*
- 11:30 – **Using WaSiM to reconstruct the hydro-meteorological effect of the Tambora-volcanic eruption in 1816 / 1817**  
12:00 *Ole Rössler, Universität Bern*
- 12:00 – **Introduction of Posters**  
12:30
  - *Luise Keller, Universität Bern*
  - *Janja Vrzel, Ludwig-Maximilians-Universität München*
  - *Christina Rosenauer, Ludwig-Maximilians-Universität München*
  - *Verena Maleska, Technische Universität Dresden*
  - *Stefan Schürmann, Universität Bern*
  - *Morgane Céline Priet-Maheo & Tinna Þórarinsdóttir, Icelandic Met Office*
- 12:30 – **2 Groups (alternating):**  
14:00
  - I Guided Tour LRZ's HPC Systems (Linux Cluster & SuperMUC)*
  - II Poster Session + LUNCH*
- 14:00 – **Round table II**  
15:00
  - Topic A – Soil & Land Use (inc. groundwater)
  - Topic B – Snow & Glacier
  - Topic C – HPC & IT
- 15:00 – **Conclusions, Discussion and Outlook**  
15:20