## Invited speakers

**Martyn Clark (NCAR)**
**Karsten Jensen (U Copenhagen)**
**Olaf Kolditz (UFZ)**
**Reed Maxwell (CSM)**
**Christoph Schär (ETH)**
**Carol Woodward (LLNL)**

## For further information see:

Please send an email to
Victor.Venema@uni-bonn.de if you
would like to be informed. For
updated information on this
conference and the TR32:
http://www.tr32.de

HPSC TerrSys
http://tinyurl.com/TerrSys

Geoverbund ABC/J
http://tinyurl.com/Geoverbund

**First Announcement
International Conference on**

## Monitoring and Prediction of Terrestrial System States and High Performance Computing in Terrestrial Systems Research
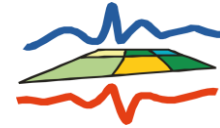
### April 4 - 6, 2018
### in Bonn, Germany

Organized by
**Transregional Collaborative Research Center
"Patterns in Soil-Vegetation-Atmosphere Systems" (TR32)**
and
**High-Performance Scientific Computing Center
for Terrestrial Systems (HPSC TerrSys)**
supported by
**Geoverbund ABC/J, EoCoE, and the University of Bonn**

Deutsche
Forschungsgemeinschaft
**DFG**

EoCoE

A B C/J
**geoverbund**
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## Key Topics

- Modeling terrestrial systems from pore to catchment scales
- Monitoring of terrestrial systems
- Patterns in soil-vegetation-atmosphere systems
- Data assimilation with terrestrial system models
- Water and energy fluxes in the subsurface-landsurface-atmosphere system
- Learning from failures
- Novel approaches in terrestrial systems modelling
- High Performance Computing in terrestrial systems research:
    - Closing the water cycle: High Performance Computing in coupled model systems
    - Next generation hardware and software in terrestrial systems research

## Location

## University of Bonn, Germany



## Time Schedule

| | |
|---|---|
| September 2017 | *Start abstract submission* |
| November 2017 | *Abstract submission deadline* |
| January 2018 | *Decision on abstract acceptance* |
| March 2018 | *Registration deadline* |

Young researcher travel funding will be available.