



## ICCE 2019 Session Innovation in drinking water treatment

Session Chairs: Mathias Ernst and Ioannis Katsoyiannis

This session covers innovative treatment options in water engineering and our latest scientific understanding of involved chemical mechanisms. Topics may include studies on membrane filtration, adsorption, ion exchange and biological processes. Moreover papers are welcome that deal with coupled processes like membrane hybrids (e.g. bioprocesses / coagulation / adsorption & filtration / membrane filtration); studies on reactive materials (reactive membranes / smart adsorption materials) as well as on the effectiveness of water treatment processes. The latter may include outcomes with respect to interaction of water constituents, process parameters and consideration of energy issues. Case studies describing real applications of novel technologies are also very welcome. The session will consist of a key note lecture, several platform and poster presentations offering sufficient time for discussion.

