

## **Chair and Speaker of Session 18**

## MECHANICS OF NANOPOROUS MATERIALS FOR ENERGY APPLICATIONS



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Dr. Jin is a professor at Shenyang National Laboratory for Materials Science (SYNL), Institute of Metal Research (IMR), CAS. He received his bachelor's degree from Department of Materials Science and Engineering at Zhejiang University in 1997, and PhD degree in Materials Science from the Institute of Metal Research in 2004. He

was an assistant professor in IMR from 2004 to 2005. Between 2005 and 2010, Jin has worked as a postdoctoral researcher and guest scientist with Jörg Weissmöller at Institute of Nanotechnology, Karlsruhe Institute of Technology (previously the Karlsruhe Research Center). He was also an Alexander von Humboldt postdoctoral research fellow during that time. In 2010, Jin was appointed as a professor and group leader at IMR. He has published 25+ papers in journals including *Science*, *Nano Letters*, and *Acta Materialia*. His current research is focused on the fabrication and mechanical properties of nanoporous metals, functional properties of the nanoporous metals and its hybrid composites.

4th International Symposium on Energy Challenges and Mechanics - working on small scales 11-13 August 2015, Aberdeen, Scotland, United Kingdom