

Invited Speaker of Session 18

MECHANICS OF NANOPOROUS MATERIALS FOR ENERGY APPLICATIONS



Dr. Li-Hua Shao (部丽华) is an Associate Professor of Institute of Solid Mechanics, Beihang University (BUAA), China. She studied Materials Science at Karlsruhe Institute of Technology (KIT), Karlsruhe, and Hamburg University of Technology (TUHH), Hamburg, Germany. She received her PhD degree in 2012 with the thesis title: Electrically Tunable Functional Nanomaterials for Actuation and Photonics (with the score of Distinction). Shao has worked as a Postdoctoral Fellow with Prof. Dr. Weissmueller from 2012 to 2014 at the Institute of Materials Physics and Technology, TUHH. Shao's research is focused on tunable functional nanomaterials, self-powered systems, electrochemistry of interfaces, photonic metamaterials, nanoporous materials and so on.