
Editorial

Guosheng Shao*

UK-China Centre for Multifunctional Nanomaterials
and
State Centre for International Cooperation on
Designer Low-carbon and Environmental Materials,
Zhengzhou University,
100 Kexue Avenue, Zhengzhou 450001, China
Email: Gsshao@zzu.edu.cn
and
Zhengzhou Materials Genome Institute,
Zhongyuanzhigu, Xingyang 450100, China
*Corresponding author

Junhua Hu

UK-China Centre for Multifunctional Nanomaterials
and
School of Materials Science and Engineering,
Zhengzhou University,
Zhengzhou 450001, China
Email: hujh@zzu.edu.cn

Zhuo Wang

Faculty of Physics and Electronic Technology,
Hubei University,
Wuhan, 430062, China
Email: wangzh@hubu.edu.cn
and
Zhengzhou Materials Genome Institute,
Zhongyuanzhigu, Xingyang 450100, China

Biographical notes: Guosheng Shao is the Director for the State Centre for International Cooperation on Designer Low-carbon and Environmental Materials at the Zhengzhou University. He obtained his PhD in Materials Science from the University of Surrey in 1995 and thereupon worked as a Research Fellow and Senior Research Fellow, until transferring to the Brunel University as a Reader in Materials in 2005. He then joined the University of Bolton as a Professor of Materials Modelling and Simulation in 2007, where he established the Institute of Renewable Energy and Environmental Technology. His current interest covers designer materials for renewable energy and environmental applications.

Junhua Hu is a Professor of Materials Science and Engineering at the Zhengzhou University, China. He obtained his PhD in Materials from the Shizuoka University, Japan in 2009. His current research covers energy storage materials and devices.

Zhuo Wang is a Lecturer at the State Centre for International Cooperation on Designer Low-carbon and Environmental Materials of the Zhengzhou University, China. He received his PhD from the Wuhan University in 2010, when he joined the Hubei University as a Lecturer. His current research interest is theoretical design of novel materials for renewable energy systems and environmental catalysis.

We, the organising committee, are pleased to organise for the publication of the *Proceedings of the 3rd International Conference on Energy Materials and Nanotechnology (ICEM³-2017)* as a special issue of 'New energy materials and nanotechnology: modelling and experiment'. The conference was proposed and organised by the Zhengzhou University and the Chinese Society of Chemical Science and Technology in the UK (CSCST-UK), co-organised by the Zhengzhou Materials Genome Institute (ZMGI) and supported by the Natural Science Foundation of China (NSFC).

The conference was successfully held at the Zhengzhou University in China from April 14 to April 16, 2017. The organising committee invited 45 keynote speakers from the UK, Germany, Hong Kong, and China, and 360 researchers attended with over 100 posters being presented. Thirty-one papers from over 200 submissions to the conference were selected via a rigorous peer review process. The scope of this SI covered nanomaterials and devices on the basis of materials genome method and experiment approaches, aiming to meet the accelerating demand of worldwide energy consumption.

On behalf of the organising committee, we would like to express our sincere thanks to all the participants, with particular gratitude to all reviewers and members of the publishing group for their timely and proactive engagement. We are looking forward to seeing you in the next session of ICEM.