

## The 11<sup>th</sup> International Workshop on Materials Behavior at the Micro- and Nano- Scale

[Second Announcement]

**Xi'an, China**

**June 8<sup>th</sup> to 10<sup>th</sup>, 2018**

The 11<sup>th</sup> International Workshop on Materials Behavior at the Micro- and Nano-Scale hosted by the Center for Advancing Materials Performance from the Nanoscale (**CAMP-Nano**), State Key Laboratory for Mechanical Behavior of Materials, Xi'an Jiaotong University will be held from June 8<sup>th</sup> to 10<sup>th</sup> at Nan Yang Hotel in Xi'an, China.

### Chairs



**Zhiwei Shan**

Dean, School of Materials Science and Engineering; Director of Center for Advancing Materials Performance from the Nanoscale (CAMP-Nano), Xi'an Jiaotong University



**Ju Li**

Professor of Nuclear Science and Engineering and Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge



**Evan Ma**

Professor of Department of Materials Science and Engineering, Johns Hopkins University, USA



**Jun Sun**

Director, State Key Laboratory for Mechanical Behavior of Materials, Xi'an Jiaotong University

### Invited Speakers

Bilge Yildiz	Massachusetts Institute of Technology
C.Cem Tasan	Massachusetts Institute of Technology
Daniel Caillard	Centre d'Elaboration de Matériaux et d'Etudes Structurales
Evan Ma	Johns Hopkins University

Fei Gao	University of Michigan
Han Huang	University of Queensland
Horst Hahn	Karlsruhe Institute of Technology
Jian Luo	University of California, San Diego
Jian Wang	University of Nebraska-Lincoln
Jianyu Huang	Yanshan Univeristy
Jose San Juan	University of the Basque Country, Spain
Ju Li	Massachusetts Institute of Technology
Julia Greer	California Institute of Technology
Kui Du	Institute of metal research, Chinese Academy of Sciences
Litao Sun	Southeast University
Lucile Dezerald	Universite Paris-Saclay
Matteo Seita	Nanyang Technological University
Michael Short	Massachusetts Institute of Technology
Mingxin Huang	The University of Hong Kong
Nermine Clouet	Service de Recherches de Metallurgie Physique
Roman Groger	Academy of Sciences of the Czech Republic
Sang Ho Oh	Sungkyunkwan University
Scott X. Mao	University of Pittsburgh
Shen J Dillon	University of Illinois at Urbana-Champaign Shigenobu Ogata Osaka University
Shigenobu Ogata	Osaka University
Tomohito Tsuru	Japan Atomic Energy Agency
Yan Chen	South China University of Technology
Yang Lu	City University of Hong Kong
Yong Zhu	North Carolina State University
Xiaofeng Zhang	Hitachi High Technologies America

*(The above list is sorted alphabetically.)*

## Aim and Scope

The main goal of the 11<sup>th</sup> workshop, a series started in Beijing in 2008, is to bring together a lineup of well-known scientists, researchers and engineers to review recent achievements, discuss the current puzzles and share the visions for the future of advancing materials performance from the nanoscale as well as the developments of state-of-the-art instruments that enable such explorations, with an emphasis on **deformation and radiation mechanism of metals and alloys (refractory metals, light alloys, high entropy alloy etc), nano-mechanics and *in situ* TEM related topics**. The content includes but not limited to experimental, theoretical and computational studies of traditional metals and alloys etc.

This workshop will provide a wonderful opportunity to learn the basic knowledge of the proposed



topics, communicate with a strong lineup of internationally recognized invited speakers, talk face to-face with well-established researchers and scientists on their most recent works and be updated on state-of-the-art technologies by leading industry manufacturers.

## Tentative Agenda

The workshop will consist of full days of seminars from June 8<sup>th</sup>-10<sup>th</sup>, 2018. On-site registration is arranged from 2:30 pm to 6:30 pm on June 7<sup>th</sup> at the lobby of Nanyang Hotel. The workshop will begin at 8:30 am on June 8<sup>th</sup>, then proceed to full day seminars as well as a poster session at the hotel hall in the evening on June 9<sup>th</sup> and conclude with a CAMP-Nano lab tour for requested visitors in the afternoon of June 10<sup>th</sup>. The reception banquet is arranged in the evening of June 8<sup>th</sup>. Breakfast, lunch and dinner during the workshop are included in the registration.

## Important Dates

Workshop website registration beginning	March 15 <sup>th</sup> , 2018
Workshop website preregistration deadline	April 30 <sup>th</sup> , 2018
Workshop website registration deadline	May 30 <sup>th</sup> , 2018

## Organizing Committee Chair

Prof. Weizhong Han, [wzhanxjtu@mail.xjtu.edu.cn](mailto:wzhanxjtu@mail.xjtu.edu.cn)

## Contact Information

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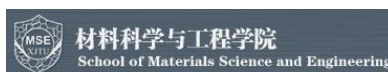
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