


第 8 届微纳尺度材料性能国际研讨会


(第二轮会议通知)

(会议网址: <http://workshop.camnano.org/>)


第 8 届微纳尺度材料性能国际研讨会将于 2015 年 6 月 1 至 3 日在西安交通大学南洋大酒店国际会议厅举行。会议日程详细如下:


6 月 1 日 (周一)

8:30 - 9:00	开幕致辞及合影	
9:00 - 9:40	Robert Ritchie	Conflicts of strength and toughness: concepts of intrinsic vs. extrinsic toughening applied to biomaterials and advanced multi-element metallic alloys
9:40 - 10:15	Zhefeng Zhang	Plastic deformation behaviors of copper bi-crystals with grain boundaries and twin boundaries at millimeter or micrometer scale
10:15 - 10:45	Ying Chen	Nanoindentation studies of dual-phase shape memory alloys
10:45 - 11:10	 休息	
11:10 - 11:45	Evan Ma	Nanodomains in nickel enable simultaneous high strength and ductility
11:45 - 12:15	Michael Demkowicz	Brittle intergranular fracture frustrated by intermittent dislocation emission
12:15	 午餐 (南洋)	
14:00 - 14:35	Scott X. Mao	In-situ HRTEM on deformation of BCC crystals
14:35 - 15:05	Takahito Ohmura	Nano-mechanical testing and characterization of dislocation motion in BCC metals
15:05 - 15:25	Qiaoyan Sun	Size dependence of mechanical behaviors in compression of submicron pure titanium pillars
15:25 - 15:45	Boyu Liu	Non-dislocation based plastic deformation mechanism in magnesium at room temperature
15:45 - 16:15	 休息	
16:15 - 16:50	John Bell	Tensile mechanical properties of layered sodium titanate nanowire

16:50 - 17:20	Oden Warren	New areas of research for nanomechanical test instruments
17:20 - 17:40	Xiaoguang Wang	Sample growth conditions control the elastic and mechano-electrical properties of ZnO nanowires
18:00	 晚宴 (南洋)	

6月2日 (周二)

8:30 - 9:05	Julia R. Greer	Materials by design: 3-dimensional architected nanostructured meta-materials
9:05 - 9:35	Guanghong Lu	Hydrogen and helium behaviors in metals: new insights from modeling & simulation
9:35 - 9:55	Weizhong Han	Mechanical response of He implanted single crystal copper: brittle or ductile?
9:55 - 10:30	 休息	
10:30 - 11:00	Xiaofeng Zhang	In situ environmental TEM: some technical challenges and suggestions
11:00 - 11:30	Yong Wang	Recent progress of environmental transmission electron microscopy at our group
11:30 - 11:50	Degang Xie	Hydrogen embrittlement in aluminum investigated by in situ bending in environmental TEM
12:00	 午餐 (南洋)	
14:00 - 14:35	Ju Li	Study of battery processes with in situ TEM
14:35 - 15:05	Yizhong Huang	Growth and characterization of ordered Si-based hybrid nanostructured arrays in TEM
15:05 - 15:35	Mitsuru Konno	Development for transmission electron microscope equipped with an atomic resolution imaging and high sensitivity analytical performance.
15:35 - 16:00	 休息	
16:00 - 16:30	Judith C. Yang	Structural complexity and dynamics of supported metal nanoparticles
16:30 - 17:00	Kaili Jiang	ETEM, low-voltage SEM, and optical imaging of carbon nanotubes

17:00 - 17:30	Guangwen Zhou	In situ microscopy and spectroscopy study of the early-stage oxidation of metals and alloys
18:00	 晚餐 (南洋)	
19:00 - 21:00	Poster 评比	

6月3日 (周三)

8:30 - 9:05	Jianfeng Nie	Annealing strengthening in magnesium wrought alloys
9:05 - 9:35	Shigenobu Ogata	Modeling of deformation of HCP titanium and magnesium
9:35 - 10:05	Renlong Xin	Strain compatibility effect on the variant selection of extension twins in magnesium
10:05 - 10:25	Liang Wan	Stress induced GB migration studied by atomistic modeling and bi-crystallographic analysis
10:25 - 10:50	 休息	
10:50 - 11:20	Riccardo Mazzarello	Edge magnetism in graphene nanoribbons on metal and topological insulator substrates
11:20 - 11:50	Yue Wu	Liquid-liquid transitions observed by NMR
11:50 - 12:20	Xiaoyan Zhong	Quantitative experimental determination of site-specific magnetic structures and properties by transmitted electrons
12:30	 午餐 (南洋)	
14:30	金属材料强度国家重点实验室微纳中心实验室参观	

报名和注册

参会者需通过会议网站 (<http://workshop.campano.org/>) 进行注册报名。

5月20日前通过网站报名者, 会议注册费标准为:

- ◇ 学生 800 元/每人, 其他会议代表为 1200 元/每人。

未通过网站注册参会, 注册费标准为:

- ◇ 学生 1000 元/每人, 其他会议代表为 1500 元/每人。

会议注册费包含参会期间的餐费和茶歇, 不包含住宿和交通费 (住宿不统一安排)。缴纳注册费包括银行汇款 (后附账户信息) 和现场现金注册两种方式。

现场注册时间为 5 月 31 日下午 2:30 至 6:30 在南洋大酒店大厅。



会务联系

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材料科学与工程学院微纳尺度材料行为研究中心

二零一五年四月十六日

附：费用缴纳账户信息

1) 人民币银行账户信息

开户行 中国工商银行股份有限公司西安互助路支行

户名 西安交通大学

帐号 3700023509088100314

注：特别提示：承办方无独立账户，财务委托西安交通大学代管，汇款附言请加：“2015 微纳会议”。银行汇款手续办理后，请发送汇款信息包括单位、姓名、金额及手机号码至会务联系电子邮箱 campano@gmail.com 或 campano@mail.xjtu.edu.cn 告知承办方会务组，以便及时查询到款。