

云南大学因公临时出国（境）团组公示

应美国电化学学会邀请，我校物理与天文学院刘铸教授将赴美国出席美国电化学学会主办的第十八届锂电池国际会议。刘铸教授将在大会上做报告。本次大会涉及内容与刘铸教授所主持自然科学基金以及高端人才支撑项目紧密相关；通过大会交流，能加深项目有关内容理解，加快项目进展。

美国电化学学会（The Electrochemical Society）成立于 1902 年，自创始之初是科学技术学科的文化熔炉。美国电化学学会致力于创造科学的无限可能的实用性，可加快探索科学以及科技创新的步伐。为促进学会学科发展，学会将定期举行学术会议、出版学术期刊、为科学家和工程师提供培训教育。

根据相关规定，现将该因公临时出访团组相关信息公示如下，公示期为 5 个工作日。如对公示内容有异议，请以书面形式，并署真实姓名和联系地址，于 2016 年 03 月 25 日前提交学校国际合作与交流处。

联系人：王靖宇

联系电话：65033814

国际合作与交流处

2016 年 3 月 21 日

云南大学因公临时出国（境）团组信息公示

组团单位		云南大学				
团长姓名和职务		刘铸，云南大学物理与天文学院，教授				
出访国家		美国				
出访时间		2016 年 6 月 19 日至 6 月 23 日	人数	1 人	天数	5 天
境外邀请单位		邀请单位：美国电化学学会				
出访主要任务		应美国电化学学会邀请，我校云南大学物理与天文学院刘铸教授将赴美国出席第十八届锂电池国际会议。刘铸教授将在大会上做报告。本次大会涉及内容与刘铸教授所主持自然科学基金以及高端人才支撑项目紧密相关；通过大会交流，能加深项目有关内容理解，加快项目进展。				
往返路线		昆明 → 芝加哥 → 昆明				
出访人员情况	姓名	性别	工作单位	职务/职称	费用承担	
	刘铸	女	物理与天文学院	教师 教授	派员单位承担	
邀请单位简介	美国电化学学会	美国电化学学会（The Electrochemical Society）成立于 1902 年，自创始之初是科学技术学科的文化熔炉。美国电化学学会致力于创造科学的无限可能的实用性，可加快探索科学以及科技创新的步伐。为促进学会学科发展，学会将定期举行学术会议、出版学术期刊、为科学家和工程师提供培训教育。				

ECS – The Electrochemical Society

65 South Main Street

Pennington, NJ 08534

On behalf of the 18th International Meeting on Lithium Batteries

March 3, 2016

Dr. Zhu Liu

#2 North Cuihu Rd., Department of Physics

Kunming City, 650001

China

Dear Dr. Zhu Liu:

We are pleased to inform you that your abstract has been accepted for presentation at the 18th International Meeting on Lithium Batteries, June 19-24, 2016, in Chicago, Illinois, USA as follows:

Abstract Number/Title/Authors: # P1-0121: A Novel Fe₃O₄/Carbon Nanofiber Paper (CNP) Composite As Free-Standing Anode for Lithium-Ion Battery by Zhu Liu

Presentation Type: Poster

Date/Time/Location: June 20, 2016 (17:30h-21:00h, Riverside Center)

Symposium: P1: Poster Presentations

The entire technical program for the meeting, including abstracts, as well as meeting registration and hotel reservations, is available on the meeting website:<http://www.imlb.org/>.

MEETING REGISTRATION: All authors/presenters attending the Meeting, including invited speakers, must pay the registration fee in order to present their paper. Please register online **no later than May 16, 2016** to take advantage of discounted Early-Bird registration fees. Registration for IMLB is currently open.

HOTEL RESERVATIONS: The meeting will be held at the Hyatt Regency Chicago (151 E Upper Wacker Dr, Chicago, IL 60601, USA). Make your hotel reservation now at the meeting headquarters hotel. Discounted rates are available until May 16, 2016 or until the block sells out, so don't miss out! Make your reservation today!

POSTER PRESENTATIONS: All posters must be displayed in English, on a board approximately 3 feet 10 inches high by 3 feet 10 inches wide (1.17 meters high by 1.17 meters wide), and correspond to the abstract number and day of presentation as detailed in the final program. The paper title, number, names, and affiliations of

all authors MUST be at the top of the display. Posters may be mounted beginning Monday at 1000h and will stay on display for the duration of the meeting. However, you will only be permitted to present your poster during your scheduled session as listed above.

PUBLICATIONS: All authors who give a presentation at the meeting will be invited to submit a full-text manuscript to *ECS Transactions* (ECST), the proceedings publications of The Electrochemical Society. Please visit <http://ecst.ecsdl.org/> for further details. ECS is pleased to announce that it will also be publishing a Special Focus Issue of selected presentations from IMLB 2016 in the *Journal of The Electrochemical Society* (JES). Details on the IMLB 2016 Special Focus Issue, including the deadlines, will be announced soon.

VISA INFORMATION: Should you require a visa to enter the United States, we strongly encourage you to start the visa application process immediately by completing the online form here http://www3.electrochem.org/jw/meetings/visa_mtg_form.jsp. Please complete this online form to have an electronic copy of your letter on ECS letterhead sent to you within five (5) business days.

Your paper represents an important contribution to the success of IMLB 2016 and we appreciate your participation.

Sincerely,

Dr. Khalil Amine
on behalf of the Chairmen of the 18th International Meeting on Lithium Batteries
<http://www.imlb.org/>

Monday, 20 June 2016: 08:00-12:10
Grand Ballroom (Hyatt Regency)

Chairs: *Bruno Scrosati and Zempachi Ogumi*

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|-------|---|--|
| 08:00 | | Welcoming Remarks |
| 08:15 | 1 | Batteries: Today's Advances and Future Challenges
<i>J. M. Tarascon (Collège de France)</i> |
| 08:45 | 2 | US DOE Electric Vehicle Battery R&D Progress and Plans
<i>D. Howell (US Department of Energy)</i> |
| 09:10 | 3 | Electrolytes for Li-Ion Batteries: Limitations, Challenges and Opportunities
<i>I. Cekic-Laskovic (University of Muenster, MEET Battery Research Center), S. Nowak (University of Münster, MEET Battery Research Center), F. Schappacher (MEET Battery Research Center, University of Muenster), and M. Winter (University of Muenster, MEET Battery Research Center)</i> |
| 09:35 | 4 | Materials for High Energy Lithium Ion Batteries
<i>S. H. Kang (SAMSUNG SDI)</i> |
| 10:00 | | Break |
| 10:30 | 5 | Lithium-Ion Battery Technology for Low-Voltage Hybrids
<i>W. Jeong (LG Chem, Ltd)</i> |
| 10:55 | 6 | Battery Safety Performance and Modeling
<i>T. J. Miller (Ford Motor Company)</i> |
| 11:20 | 7 | Strategies and Advances in the Structural Design of Lithium Metal Oxide Electrodes
<i>M. M. Thackeray, J. R. Croy, E. Lee, J. S. Park, B. T. Yonemoto, R. Benedek, F. Dogan, and J. D. Blawiecamp (Argonne National Laboratory)</i> |
| 11:45 | 8 | Fundamental Aspects of Lithium Ion Battery Materials Degradation Mechanisms
<i>H. A. Gasteiger (Technische Universität München)</i> |

Monday, 20 June 2016: 13:30-17:20
Grand Ballroom (Hyatt Regency)

Chairs: Tetsuya Osaka and Josh Thomas

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|-------|----|---|
| 13:30 | 9 | A Reality Check on Battery Materials Development
<i>P. Novák, E. J. Berg, C. Villevieille, D. Streich, and S. Trabesinger (Paul Scherrer Institute, Electrochemistry Laboratory)</i> |
| 14:00 | 10 | Market Trend of Batteries in Consumer, Automotive, and Grid
<i>C. Pillot (Avicenne Energy)</i> |
| 14:25 | 11 | "Solidifying" Batteries – Solid Electrolytes in Lithium (ion) Batteries
<i>J. Janek (Justus-Liebig-Universität Gießen, Karlsruhe Institute of Technology, INT-BELLA)</i> |
| 14:50 | 12 | Operando Analyses of Reactions using Synchrotron Radiation and the Design of High Rate Capability Cathode
<i>Y. Uchimoto (Kyoto University)</i> |
| 15:15 | 13 | Si Anode Diagnostic and Failure Mechanism in Full Li-Ion Cells Using NMR, STEM-EELS, XPS and FIB-TOF-SIMS Advanced Characterization Tools
<i>N. Dupré (Institut des matériaux Jean Rouxel (IMN) - CNRS - Nantes), D. Guyomard (CNRS-IMN, Institut des Matériaux Jean Rouxel (IMN)), P. Moreau (Institut des Matériaux Jean Rouxel - IMN), E. De Vito (CEA/DRT/LITEN), L. Quazuguel (Institut des Matériaux Jean Rouxel - IMN), M. Boniface (CEA Grenoble - INAC), B. Lestriez (CNRS-IMN), A. Bordes (Institut de Recherche de Chimie Paris - Chimie ParisTech), F. Rieutord (French CRG-IF BM32 beamline at the ESRF, Grenoble, France), S. Lyonard (CEA Grenoble, DSM/INAC/SPRAM/PCI, UMR 5819), and P. Bayle-Guillemaud (Univ. Grenoble Alpes)</i> |
| 15:40 | 14 | Highly Concentrated Electrolyte for 5 V Systems
<i>M. Inaba, R. Masuhara, Y. Shimizu, M. Hashinokuchi, T. Doi (Doshisha University), H. Inoue, K. Takahashi, H. Nakagawa, and T. Inamasu (GS Yuasa International Ltd.)</i> |
| 16:05 | 15 | Interfacial Behaviors of Metal Lithium Anode in Solid Lithium Batteries
<i>W. Li, Q. Li (Institute of Physics, CAS), X. Liu (Shanghai Institute of Microsystem, CAS), X. Guo (Shanghai Institute of Ceramics (CAS)), Z. Fu (Fudan University), J. Chen (Dalian Institute of Chemical Physics, CAS), G. Cui (QIBEBT, CAS), Y. Hu (Institute of Physics, CAS), L. Gu (Chinese Academy of Sciences), and H. Li (Institute of Physics, CAS)</i> |
| 16:30 | 16 | Glyme-Li Salt Solvate Ionic Liquids for Advanced Lithium Batteries
<i>M. Watanabe (Yokohama National University)</i> |
| 16:55 | 17 | "Water-In-Salt" Electrolyte Enabled High Voltage Aqueous Li-Ion Chemistries
<i>L. Suo (University of Maryland, College Park), O. Borodin (U.S. Army Research Laboratory), C. Wang (University of Maryland, College Park), and K. Xu (Center for Research on Extreme Batteries)</i> |