

Workshop "Conversation with Editors"

How to Publish Your Research Results on Top Journals

2:00-5:30 pm, August 16th, 2016

2:00-2:10 pm Introduction

Session Chair: Dr. Andy Xueliang Sun

2:10-2:40 pm Dr. Guangchen Xu

"Publishing in Wiley Materials Science Journals"

2:40- 3:10 pm Dr. Prashant V. Kamat

"How to Make Your Next Paper Scientifically Effective? Ten Tips for Scholarly Publishing"

3:10-3:40 pm Dr. Kirk Schanze

"An editor's perspective of the peer review process and ethics of scientific publishing"

3:40-4:00 pm Coffee Break

Session Chair: Dr. Jun Lu

4:00-4:30 pm Dr. Luke Batchelor

"Publishing in Nature Journals"

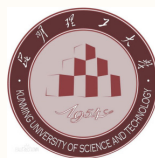
4:30- 5:00 pm Dr. Khalil Amine

"How to publish your research work in Nano Energy"

5:00-5:30 pm Panel Discussion (all editors)



IAOEES



**Kunming
University of
Science and
Technology**

EEST2016 · Kunming, China

Speaker Biographies and Presentations

Ever wondering how to get your excellent works published in top journals? Not sure how and where to get started? The IAOEES is excited to launch our pre-conference workshop “Conversation with Editors” at the EEST2016. During this workshop, editors from top journals will share their insights and provide guidance to students, young researchers and professors from different disciplines. Below please find the bios and abstracts of our invited speakers and the chairs at this workshop.



Dr. Guangchen Xu

Deputy Editor of Advanced Energy Materials and Small

Publishing in Wiley Materials Science Journals

A highly competitive research environment with increasingly limited research funding has created a “Publish or Perish” attitude among scientists who are judged on the quantity rather than quality of their research articles. This presentation provides a brief overview of current trends and challenges in scientific publishing, some ethical considerations, how publishers and authors interact and influence each other, and how the publishing arena is being transformed. Tips will be presented on how to select an appropriate journal for your paper, what aspects of preparation and presentation to focus on from an editor’s and referee’s perspective, and hints for increasing the discoverability of your paper after publication.

Guangchen Xu obtained his BSc and PhD (Hons) from the Beijing University of Technology. He spent a year at Michigan State University as a visiting scholar. Before joining the Wiley team in Beijing in 2011, he was an Assistant Professor at Beijing University of Technology.



Dr. Prashant V. Kamat

Editor-in-Chief of ACS Energy Letters

How to Make Your Next Paper Scientifically Effective? Ten Tips for Scholarly Publishing

Sharing scientific knowledge through publications is an integral part of research career. Since more and more organizations evaluate scientific productivity by scholarly publication rates, the impact of published work becomes an important issue. New researchers face the challenge of mastering the art of scientific publication to draw attention to their new scientific findings. The lecture will address following questions. What are common practices in publishing scientific work? What are common misconceptions? What are the key steps that are necessary to compose an effective paper?

Prashant V. Kamat is a Rev. John A. Zahm, C.S.C., Professor of Science in the Department of Chemistry and Biochemistry and Radiation Laboratory at University of Notre Dame. He is also a Concurrent Professor in the Department of Chemical and Biomolecular Engineering. He earned his doctoral degree (1979) in Physical Chemistry from the Bombay University, and postdoctoral research at Boston University (1979-1981) and University of Texas at Austin (1981-1983). Professor Kamat has for nearly three decades worked to build bridges between physical chemistry and material science to develop advanced nanomaterials that promise cleaner and more efficient light energy conversion. He has directed DOE funded solar photochemistry research for the past 30 years. In addition to large multidisciplinary interdepartmental and research center programs, he has actively worked with industry-sponsored research. He has served on many national panels on nanotechnology and energy conversion processes. He has published more than 450 scientific papers that have been well received by the scientific community (45000+ citations). Thomson-Reuters has featured him as one of the most cited researchers in 2014 and 2015.

He is currently serving as the **Editor-in-Chief of ACS Energy Letters**. He has also served as the deputy editor of the Journal of Physical Chemistry Letters. He is a member of the advisory board of several scientific journals (Research on Chemical Intermediates, Journal of Colloid & Interface Science, and Applied Electrochemistry). He was awarded Honda-Fujishima Lectureship award by the Japanese Photochemical Society in 2006, CRSI medal by the Chemical Research Society of India in 2011 and Langmuir lectureship award in 2013. He is a Fellow of the Electrochemical Society (ECS), American Chemical Society (ACS) American Association for the Advancement of Science (AAAS) and Pravasi fellow of the Indian National Science Academy.



Dr. Kirk Schanze

Editor-in-Chief of ACS Applied Materials & Interface

An editor's perspective of the peer review process and ethics of scientific publishing

The talk will provide an overview of the peer-review process as it is implemented at *ACS Applied Materials & Interfaces*. Various topics related to the peer-review process will be discussed, including suggesting reviewers, how to respond to reviewer comments, what to do when a paper is rejected, and how best to communicate with an Editor. The discussion will then turn to the ethics of scientific publishing, and we will cover the most common ethics situations that are encountered, including authorship and plagiarism.

Kirk Schanze earned his B.S. in Chemistry from Florida State University in 1979 and his Ph.D. in Chemistry from the University of North Carolina at Chapel Hill in 1983. He was appointed a Miller Postdoctoral Fellow at the University of California, Berkeley, from 1984-1986 and began his independent faculty career at the University of Florida in 1986. Schanze was University Distinguished Professor and Prominski Professor of Chemistry at the University of Florida until 2016. He is currently the Robert A Welch Distinguished University Professor at the University of Texas at San Antonio. He was a Senior Editor of the ACS journal *Langmuir* from 2000 - 2008. Since 2008, Schanze is **Editor-in-Chief of ACS Applied Materials & Interfaces**, the ACS journal focused on chemistry and engineering of applications-focused research in materials and interfaces.

He has authored or co-authored more than 290 peer-reviewed articles on basic and applied research topics, with a primary focus on organic and organometallic materials chemistry, and is named in 20 patents or disclosures.



Dr. Luke Batchelor

Senior Editor of Nature Communication

Publishing in Nature Journals

The Nature branded publishing portfolio includes the flagship Nature title, the physical and life sciences research journals, such as *Nature Materials*, and the open-access *Nature Communications*. During the first part of the talk Luke will discuss the different roles of the various Nature titles as well as the relationship between them. The second part of the talk will focus on the editorial process at *Nature Communications*, which is common to all the journals. He will clarify the role of the editor in the process, discussing, for example, how reviewers are selected and how editors approach decisions. He will also offer advice on

preparing manuscripts and correspondence for submission and publication.

Luke Batchelor arrived at **Nature Communications** in July 2012. Before embarking on his editorial career, Luke was awarded an MSc in chemistry from the University of Bristol and a PhD in inorganic chemistry from the University of Manchester, where he worked with vanadium and chromium clusters, as part of the Molecular Magnetism group. During his postdoctoral work at Université Paris Sud XI, Luke studied giant magnetic anisotropy in transition metal ions with unusual coordination geometries. Luke is based in the London office, where he is responsible for much of the journal's inorganic chemistry and catalysis content. He also manages a team of Associate and Senior Editors handling a range of topics broadly encompassing materials chemistry.



Dr. Khalil Amine

Associate Editor of Nano Energy

How to publish your research work in Nano Energy

Publishing a paper is often seen as the final act of a piece of research. Rather, it is the start of the life of researchers' ideas and findings beyond the boundaries of their laboratory. As a *Nano Energy* editor, one of my duties is to make this transition as smooth as possible for researchers. In this talk, I will offer an insider's view of my day-to-day job as an editor. I will explain the journey of a manuscript from submission to publication: what editor is looking for, how they make their decisions, why they reject manuscripts, how they lead the peer-review process and the role of the referees. In this part, I will focus mostly on the editorial line of *Nano Energy*.

Dr. Khalil Amine is an Argonne Distinguished Fellow and the Manager of the Advanced Battery Technology team at Argonne National Laboratory, where he is responsible for directing the research and development of advanced materials and battery systems for HEV, PHEV, EV, satellite, military and medical applications. Dr. Amine currently serves a committee member of the U.S. National Research Council, US Academy of Sciences on battery related technologies. Among his many awards, Dr. Khalil is a 2003 recipient of Scientific America's Top Worldwide 50 Researcher Award, a 2008 University of Chicago distinguished performance award, a 2009 recipient of the US Federal Laboratory Award for Excellence in Technology Transfer, 2013 DOE Vehicle technologies office award and is the five-time recipient of the R&D 100 Award, which is considered as the Oscar of technology and innovation. In addition, he was recently awarded the ECS battery technology award and the international battery association award. Dr. Amine holds or has filed over 140 patents and patent applications and has over 423 publications with an h-index of 70. From 1998-2008, Dr. Amine was the most cited scientist in the world in the field of battery technology. He serves as the president of IMLB and the international lithium battery association. He is also the editor of the journal of Nano-Energy

Chairs of the Workshop



Dr. Andy (Xueliang) Sun

University of Western Ontario, Canada

Dr. Andy (Xueliang) Sun is a Professor and Canada Research Chair (Tier I) for the development of nanomaterials for clean energy, at the University of Western Ontario, Canada. He was elected as a Fellow (Member) of the Canadian Academy of Engineering in 2016. Dr. Sun received his Ph.D degree in Materials Chemistry at the University of Manchester, UK, in 1999. Then, he worked as a post-doctoral fellow in the University of British Columbia, Canada, during 1999-2001. He was a Research Associate at the National Institut de la Recherche Scientifique (INRS), Quebec, Canada, during 2001-2004.

Dr. Sun's research is focused on advanced nanostructured materials for energy conversion and storage including fuel cells and Li batteries. Dr. Sun is an author and co-author of over 260 refereed-journals (e.g. Nature Communications, Advanced Materials, J. Am. Chem. Soc., Angew. Chem., Adv. Fun. Mat., Energy & Environmental Science) with citations of over 10000 times. He edited two books and published 15 book chapters as well as filed eleven US patents. He has given more than 100 plenary/keynote/invited talks in international conferences, symposia and workshops. Dr. Sun is actively collaborating with industries and government labs such as Ballard Power Systems, General Motors, Lithium Phostech Inc., and Canadian National Defense. He also serves as an Associate Editor for Frontier of Energy Storage (2013-present). Dr. Sun received various awards such as Early Researcher Award (2006), Canada Research Chair (2007) and University Faculty Scholar Award (2010) and Western Engineering Prize for Achievement in Research (2013). Dr. Sun is a Vice-Chairman of our Board Committee in the International Academy of Electrochemical Energy Science (IAOEES).



Dr. Jun Lu

Argonne National Laboratory, USA

Dr. Jun Lu is a Chemist at Argonne National Laboratory. Dr. Lu earned his Bachelor Degree in Chemistry Physics from University of Science and Technology of China (USTC) in 2000. He obtained his Ph.D. from the Department of Metallurgical Engineering at University of Utah in 2009 with a major research on metal hydrides for reversible hydrogen storage application. He is the awardee of the first DOE-EERE postdoctoral fellow under Vehicles Technology Program from 2011-2013. At present, his research interests focus on the electrochemical energy storage and conversion technology, with main focus on advanced Li-ion battery technology. Dr. Lu has authored/co-authored more than 150 peer-reviewed research articles, including Chem. Rev.; Nature Commun.; JACS; Nature Reviews Materials etc., and has filed over a dozen patents and patent applications.