

Conference announcement

Luke Hudson*

Oxide Thin Films for Advanced Energy and Information Applications: Materials Chemistry of Thin Film Oxides (Bloomington, Chicago, MI, USA, July 13–16, 2014)

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Oxide thin films are finding applications in a wide range of energy and information technologies, from ion conductors through photovoltaics and thermoelectrics to dielectrics, multiferroics and capacitors. Each of these technologies requires a thorough understanding of the materials chemistry of the oxide film and its interactions with the environment, substrate etc. Whilst in each technology area there may be materials differences, much of the materials chemistry optimisation may be common. For example, common families of oxides are employed, ABO₃ perovskites in particular, and in this there are areas where discussion between user communities can prove mutually beneficial. It is the purpose of this meeting to foster an exchange of ideas between the relevant energy and information themes with the overall aim of provoking extensive discussion of the advances that materials chemistry can make in thin film applications.

The conference is chaired by: Dr. Stephen Skinner (Imperial College London) and Associate Professor Bilge Yildiz (MIT). Among our confirmed speakers are, Professor Kunihito Koumoto from Nagoya University, Prof. Dr.-Ing. Ellen Ivers-Tiffée from Karlsruhe Institute of Technology, Professor Rainer Waser from Aachen University, Professor Yet-Ming Chiang from MIT, Prof. Dr. Jennifer Rupp from ETH Zurich, Prof. Husam Alshareef from the King Abdullah University, Prof. Nini Pryds from Technical University Denmark, Dr. Nicole Benedek from University Texas Austin, Dr. Monica Burriel from Imperial College London, Dr. Giuliano Gregori from Max Planck Institute, Dr. Joshua Hertz from the University of Delaware, Dr. Lorenzo Cristina from University of Pavia & INSTM and Dr. Samuel Georges from Université de Grenoble.

Location

The Hilton Chicago Indian Lakes Resort is located a 20 min drive from Chicago O'Hare International Airport. Chicago O'Hare is the largest airport in the world with hundreds of national and international flights arriving and departing daily. Situated in the pristine suburb of Bloomington, the Hilton Chicago Indian Lakes offers the perfect base to explore the city and the wider surrounding area. Chicago city centre with its world class restaurants, theatres and galleries is only a 35 min taxi ride away.

Key dates

Early Bird – 24/January/14

Talk Submission – 31/January/14

Poster Submission – 12/May/14

Last Chance – 16/May/14

Contact Luke Hudson luke@fusion-conferences.com for further details.

<http://www.fusion-conferences.com/conference5.php>

