

Call for papers

Ionic and Mixed Conducting Ceramics 6

Phoenix, Arizona, May 18-23, 2008

This symposium (B6) takes place at the 213th ECS Meeting, Phoenix Convention Center & Hyatt Regency Phoenix, AZ, May 18-23, 2008. Ceramic materials that exhibit high ionic conduction or significant levels of both ionic and electronic conduction continue to be of great interest among researchers worldwide. This symposium will provide a forum to share data and discuss activities in this exciting field. Both fundamental and applied aspects of ionic conduction and mixed conduction will be included. Some of the topics that will be covered in this symposium are: ionic transport in solid electrolytes, advances in protonic conductors, electrolyzers, fuel cells and batteries, mechanisms of mixed conduction in ceramics, role of microstructure in conduction, dense ceramic membranes for separation and chemicals production, electrocatalytic phenomena, ceramic sensors, electrochemistry of nano-ceramics, and transport in corrosion-resistant ceramic films.

Abstracts should be submitted electronically to the ECS headquarters. Submit one original meeting abstract electronically via <http://www.electrochem.org> no later than December 17, 2007. Faxed abstracts, late abstracts, and abstracts more than one page in length will not be accepted.

An issue of *ECS Transactions* is planned to be published after the meeting. All authors accepted for presentation are obligated to submit their full text manuscript for the issue no later than June 2, 2008. All manuscripts will be submitted online, and must be in either MS Word or PDF format.

Questions and inquiries should be sent to the symposium organizers: **M. Mogensen**, Risoe National Laboratory, e-mail: <mailto:mogens.mogensen@risoe.dk>; **T. Armstrong**, Oak Ridge National Laboratory, email: <mailto:armstrongt@ornl.gov>; **T. Gur**, Stanford University, e-mail: <mailto:turgut@stanford.edu>; and **H. Yokokawa**, Energy Technology Research Institute, National Institute of Advanced Industrial Science and Technology, e-mail: <mailto:h-yokokawa@aist.go.jp>