

The 10th Materials and Mechanisms of Superconductivity Conference, M2S-2012

Washington DC, USA

29 July to 3 August, 2012

IMPORTANT DATES

February 1	The Heike Kamerlingh Onnes Prize – Nomination deadline
February 1	The John Bardeen Prize – Nomination deadline
February 8	DEADLINE FOR ABSTRACT SUBMISSION
February 15	The Bernd T. Matthias Prize - Nomination deadline
Early April	Registration will open

PLENARY SPEAKERS

I. Božovic (Brookhaven, USA)

Overview of research on superconductors and other physics at oxide interfaces

G. Lonzarich (Cambridge, UK)

Superconducting near quantum critical points and recent heavy fermion research

H. Takagi (Tokyo, Japan)

A material physics view on new superconductors

S. Kivelson (Stanford, USA)

Theory overview for cuprates

L. Taillefer (Sherbrooke, Canada)

Experimental overview for cuprates

P. Hirschfeld (U Florida, USA)

Theory overview for iron-based superconductors

H.H. Wen (Nanjing U, China)

Experimental overview for iron-based superconductors

K. Kanoda (Tokyo, Japan)

Overview of superconductors and other physics in organic materials

A. Georges (Palaiseau, France)

Role of DMFT calculations in understanding unconventional superconductors

PUBLIC LECTURE

P. Coleman(Rutgers, USA)

M2S will feature tutorial lectures capturing the promise and excitement of new research directions, a general lecture on superconductivity, status reports on the growing impact of applications, and overview talks on the latest advances. Students, postdocs and early career scientists will interact with senior researchers through various forums to promote informal discussion and networking.

ORGANIZERS

Laura H. Greene, University of Illinois at Urbana-Champaign and the Center for Emergent Superconductivity - Urbana, IL, USA

George Crabtree, Argonne National Laboratory - Argonne, IL & University of Illinois at Chicago and the Center for Emergent Superconductivity - Chicago, IL, USA

Peter Johnson, Brookhaven National Laboratory and the Center for Emergent Superconductivity - Upton, New York

More details can be found at the conference website:

<http://www.m2s-2012.org/>