

ANNOUNCEMENTS

1986 Gordon Research Conferences

Solid State Chemistry

*Plymouth State College (N), Plymouth, New Hampshire,
July 28–August 1, 1986*

D. MURPHY AND F. JELLINEK, Co-chairmen
N. BARTLETT, Vice Chairman

July 28. A SLEIGHT, Discussion Leader: U. Chowdry, Solid State Chemistry in Ceramics; K. Jack, Ceramic Alloys in the Si–Al–O–N and Related Systems; L. Interrante, Synthesis and Conversion of Organometallic Precursors to Non-oxide Ceramics.

R. MCCARLEY, Discussion Leader: M. Mitomo, Characterization and Properties of α -Sialon Ceramics; A. Clearfield, Hydrothermal and Sol Gel Synthesis of Ceramic Materials.

July 29. A. JACOBSON, Discussion Leader: J. Livage, Transition Metal Oxide Gels; J. Johnson, Layered Compounds with Alternating Organic and Inorganic Layers; C. Torardi, Synthesis, Structure, and Magnetism of New Iron Compounds Containing Tetrahedral Oxyanions.

N. BARTLETT, Discussion Leader: P. Hagemuller, Inorganic Solid State High Pressure Chemistry. Short presentations by conference participants.

July 30. F. FRANZEN, Discussion Leader: R. Becker, Probing Electronic Structure by Scanning Tunneling Microscopy; R. Herber, Variable Temperature FTIR Studies of Phase Transitions in Solids; B. Williams, Electron Energy-Loss Microscopy and the Electronic Structure of Solids.

F. JELLINEK, Discussion Leader: H. Schafer, Oligomeric and Polymeric Iso- and Heteroanions in Intermetallic Compounds. Short presentations by conference participants.

July 31. F. DISALVO, Discussion Leader: J. Williams, Recent Developments in Organic Superconductors; L. Schneemeyer, Charge Density Wave Phenomena in Oxide Bronzes; M. Whangbo, Band Electronic Structures of Low Dimensional Conducting Solids.

J. MILLER, Discussion Leader: A. Diaz, Electroactive Films from Oxidative Polymerizations; T. Marks, Structure-Enforced Metallomacrocyclic Assemblies: What Can We Learn About the Molecular Metallic State?

August 1. M. GREENBLATT, Discussion Leader: D. Schleich, Synthesis of Metal Sulfides Using Organosilyl Sulfides; J. B. Goodenough, Insertion/Extrac-

tion Reactions As a Low Temperature Synthetic Route to New Ceramic Materials.

The fixed conference fees are: conferee (double occupancy), \$275.00; nonresident conferee (meals, no room), \$235.00; guest (room, meals), \$185.00. Children must be at least 12 years of age to have accommodations at the host site (room and meals).

Requests for applications to the Conference, or for additional information, should be addressed to:

Dr. Alexander M. Cruickshank, Director
Gordon Research Conferences
Gordon Research Center
University of Rhode Island
Kingston, Rhode Island 02881-0801
Telephone: (401) 783-4011 or 783-3372

5th International Conference on Valence Fluctuations

Bangalore, India, January 5-9, 1987

The 5th International Conference on Valence Fluctuations will be held at Bangalore, India, on January 5-9, 1987. The Conference will deal with physical phenomena associated with narrow band formation in rare earth and actinide intermetallics. Valence instability, dense Kondo behavior, heavy fermion superconductivity, and itinerant magnetism are among the topics to be discussed at this Conference. The program will consist of invited and contributed papers. Proceedings of the Conference will be published. The Conference Chairman is C. N. R. Rao.

For further information please contact:

L. C. Gupta, Secretary
Tata Institute of Fundamental Research
Homi Bhabha Road
Bombay 400 005, India
Telephone: 219111
Telex: 011 3009