

NBS Technicalendar

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U.S. DEPARTMENT OF COMMERCE
National Bureau of Standards

The NBS Technicalendar is issued weekly on Thursdays covering events scheduled for the following week. Listed are activities of interest primarily to the NBS staff. Items for inclusion should be in writing in proper format (see format of items listed herein) and **MUST** be received by **noon on Wednesday**. Items to be included and requests for copies of this calendar should be sent to Room A607, Administration Building, attention Mrs. Betty L. Burris, Editor (Phone: 301-921-2264).

All lectures and meetings are open unless otherwise stated.

November 30 to December 4, 1981

MEETINGS AT THE NATIONAL BUREAU OF STANDARDS Gaithersburg, Maryland

- 11/30--Monday 9:30 a.m. BUILDING MATERIALS DIVISION MEETING: Fracture Mechanics and Strain Rate Effects of Concrete, S. P. Shah, Civil Engineering Dept., Northwestern Univ., Evanston, IL. Rm. B221, Building Research Bldg. (NBS contact L. Knab, 921-3120.)
- 11/30--Monday 12 NOON SIGMA XI CLUB LUNCHEON MEETING: Future (Computer) Possibilities: Hardware, Software and People, G. M. Hopper, Dept. of the Navy. Dining Rm. C, Administration Bldg. (NBS contact T. Vorburger, 921-3838.)
- 12/1--Tuesday 10:00 a.m. STATISTICAL ENGINEERING DIVISION SEMINAR SERIES: A Discussion of DATAPLOT Diagrammatic Graphics, J. J. Filliben, Statistical Engineering Div., NBS. Green Auditorium, Administration Bldg. (NBS contact J. J. Filliben or S. Leigh, 921-3651.)
- 12/1--Tuesday 10:30 a.m. SURFACE SCIENCE DIVISION SEMINAR: Rotational and Vibrational Temperature of Desorbed CO₂ Formed by CO Oxidation on Pt, G. Haller, Surface Science Div., NBS. Rm. B163, Physics Bldg. (NBS contact T. E. Madey, 921-2188.)
- 12/1--Tuesday 1:30 p.m. OFFICE OF STANDARD REFERENCE DATA SEMINAR: Alkali Metals Vapor: Laser Spectroscopy and Applications, W. Stwalley, Univ. of Iowa. Rm. B365, Materials Bldg. (NBS contact J. Rumble, 921-3441.)
- 12/1--Tuesday 2:00 p.m. CENTER FOR MATERIALS SCIENCE SEMINAR: Atomic Theoretical Physics Div., AERE Harwell, Oxfordshire (921-2103.)

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TALKS BY NBS GAITHERSBURG PERSONNEL

- CELOTTA, R.: "Recent Applications of Electron Spin Polarization Measurements," Exxon Research and Development Lab., Linden, NJ, 11/12 and "The Use of Electron Polarization Measurements in Surface Physics," Materials Science Dept. Colloquium, Massachusetts Inst. of Technology, Cambridge, MA, 11/13/81.
- COLLE, R.: "Radon Measurements: National Needs and the Role of NBS," American Nuclear Society, Downtown Hilton, San Francisco, CA, 12/1/81.
- DESLATTES, R. D.: "Exotic Atoms, Normal Atoms, and Stripped Atoms," Physics Dept., Univ. of Oxford, Oxford, England, 12/11/81.
- GARRETT, D. A.: "Neutron Interrogation of Antiquities" and "Resonance Neutron Tomography Using Self-Identification," International Conf. on Neutron Radiography, San Diego, CA, 12/10/81.
- HAN, C. C.: "Small Angle Neutron Scattering From Polymers," Inst. of Materials Science, Univ. of Connecticut, Storrs, CT, 12/4/81.
- KELLEY, M.: "Polarized Electron-Polarized Atom Scattering," Physics Dept., Univ. of Texas, Austin, TX, 11/24/81.
- MACEK, A.: "A Laboratory Approach to Obtain Suspension Combustion Data for Refuse-Derived Fuels," Research and Development Contractor Conf. sponsored by DOE and Argonne National Lab., Savannah, GA, 12/1/81.
- MANDEL, J.: "Graphical vs. Analytical Procedures in Data Evaluation," 37th Annual Conf. on Applied Statistics, Newark Airport Holiday Inn, Newark, NJ, 12/3/81.
- NATRELLA, M. G.: "Factors That Don't Matter," American Society of Mechanical Engineers, Washington, DC, 11/17/81.
- OLVER, F. W. J.: "Unrestricted Algorithms for Computing Mathematical Functions," Annual Winter Meeting of the Canadian Mathematical Society, Empress Hotel, Victoria, British Columbia, Canada, 12/11/81.
- PIERCE, D. T.: "Spin Polarized Electron Studies of Surface Magnetism," Centro de Investigacion y de Estudios Avanzados del Instituto Politecnico Nacional, Organization of American States, Mexico City, Mexico, 12/7/81.
- POWELL, C. J.: "The Contribution of Surface Analysis/Surface Science to Technology," Second Australian Conf. on Applied Physics, Melbourne, Australia, 12/2 and "Electron-Spectroscopic Studies of Surfaces," Physics Dept., Univ. of Western Australia, Perth, Australia, 12/16/81.
- RAINWATER, J. C. (Co-author: M. R. Moldover): "Thermodynamic Models of Fluid Mixtures Near Critical Conditions," 74th Annual Meeting of the American Inst. for Chemical Engineers, New Orleans, LA, 11/10/81.
- ROGERS, W.: "Polarized Electron-Polarized Atom Scattering," Fusion Div., General Atomic Corp., San Diego, CA, 11/9; L Div., Lawrence Livermore National Lab., Livermore, CA, 11/10; and E. I. Dupont de Nemours and Co., Inc., Wilmington, DE, 11/19/81.
- SALTMAN, R. G.: "Status and Plans for FIPS PUB 55: Codes for Names Populated Places of the United States," 13th National Data Systems Forum and Exhibit sponsored by Transportation Data Coordinating Committee, Capital Hilton Hotel, Washington, DC, 12/9/81.
- SEABAUGH, A. C.: "Deep-Level Characterization of Semi-Insulating GaAs," Bendix Advanced Technology Center, Columbia, MD, 12/3/81.
- SMYTH, K. C.: "The Early Chemistry of Soot Formation," Chemistry and Mechanism in Combustion and Flames Workshop, Univ. of Southern California, Los Angeles, CA, 11/16-17/81.
- WILSON, M. A.: "The Induction Linac - A New Concept in High Current Charged Particle Accelerators," Electrophysics Seminar, Electrical Engineering Dept., Univ. of Maryland, College Park, MD, 12/4/81.

ADVANCE NOTICE