

# Enrollment Open for June "New Coatings" Annual Symposium

The Tenth Annual Symposium on New Coatings and New Coatings Raw Materials, sponsored by the Polymers and Coatings Department, of North Dakota State University, will be held at the Fair Hills Resort on Pelican Lake, near Detroit Lakes, Minn., June 3 to June 6, 1968 (noon).

The program is as follows:

## Sub-Symposium on Radiation Curing

*Kinetics and Composition of Radiation-Induced Copolymerizations*, J. E. Hirsch, Ford Motor Company, Detroit, Mich.  
*Recent Developments in Electron Curing of Coatings*, W. F. Oliver, Radiation Dynamics, Inc., Westbury, N.Y.  
*The Characteristics of Coatings on Wood Cured by Electron Irradiation*, P. Spencer, W. Vander Bie and G. E. Swanholt, Boise Cascade, Boise, Idaho.  
*Design of Radiation Sensitive Prepolymers*, T. J. Miranda and T. F. Huemmer, The O'Brien Corporation, South Bend, Ind.  
*Radiation-Cured Coatings from the Viewpoint of a Chemical Company*, W. A. Henson and N. J. Peterson, The Dow Chemical Co., Midland, Mich.

## General Papers

*The United States Patent System and Its Relation to the Coatings Industry*, A. L. Leavitt, US Patent Office, Washington, D. C.  
*Boron Compounds as Fire Retardants in Coating Materials*, W. G. Woods, US Borax Research, Anaheim, Calif.  
*New Developments in Water Based Systems*, J. A. Vona, Celanese Chemical Co., Summit, N. J.  
*A New Approach to Solubility Parameters*, K. F. Lin and A. E. Rheineck, NDSU, Fargo, N. Dak.  
*Solution Theory as the First Step in Designing Solvent Blends for Coating System*, R. C. Nelson, Shell Chemical Co., Union, N. J.  
*New Developments in Formaldehyde Derived Coatings*, J. A. Vona, Celanese Chemical Co., Summit, N. J.  
*Polyurethanes from Hydroxyl-Terminated Polybutadienes*, Joseph Verdol, Sinclair Petrochemicals Co., Harvey, Ill.  
*Color Stable Urethane Coatings Based on a Cycloaliphatic Diisocyanate*, M. Kaplan and G. S. Wooster, Allied Chemical Corp., Buffalo, N. Y.  
*Diacetone Acrylamide: A Versatile New Component for Improved Coatings*, W. A. Higgins, E. R. Forone and R. W. Jahnke, The Lubrizol Corp., Cleveland, Ohio.  
*Polyamide-Epoxy Emulsion Finishes*, W. E. Shackelford, General Mills, Inc., Kankakee, Ill.  
*New Polyether Diprimary Amine Resins and Their Epoxy Vulcanizates*, A. J. Hubin, S. Smith, J. J. Hoffman and D. D. Zimmerman, 3M Company, St. Paul, Minn.  
*Non-Aqueous Acrylic Dispersion Coating Resins*, M. D. Hurwitz, Rohm and Haas Company, Spring House, Pa.  
*New Coatings Based on Drying Oil Aldehydes and Hydroxyl Bearing Acrylic and Poly Olefinic Resins*, P. R. Sampath, P. R. Lakshmanan and A. E. Rheineck, NDSU, Fargo, N. D.  
*Paint Pigment Identification by Use of X-Ray Diffraction*, R. W. Scott, The Sherwin-Williams Company, Chicago, Ill.

## Information

The enrollment fee is \$50, and the cost at the resort is \$55 for four days per person. This includes all meals, recreational facilities and lodging. Two persons per unit maximum, or one person per room in larger cottages. Accommodations at the resort will be limited to 160 symposium participants. Reservations for families will be accepted by Fair Hills Resort, but not confirmed until after May 24th.

Transportation reservations from your home should be made into and out of Fargo. Busses or station wagons will meet each plane arriving in Fargo on Sunday, June 3rd after 12:00 PM. Northwest Airlines will have a special flight No. 2142, for symposium people only, which will leave Fargo at 1:43 PM, June 6 and will arrive in Minneapolis at 2:36 PM, after which connection to other points can be made. The Northern Pacific Railway stops in Detroit Lakes. If you come this way, call resort upon arrival for transportation to Fair Hills. Phone (218) 847-7638 or 8968.

For further details call or write: Polymers and Coatings Department, College of Chemistry and Physics, North Dakota State University, Fargo, North Dakota 58102.



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Be sure to advise AOCS headquarters promptly of change of address. Write: American Oil Chemists' Society, 35 E. Wacker Dr., Chicago, Ill. 60601

## • New Members

### Active

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Robert H. Becker, Associate Professor, Gannon College, Erie, Pa.  
Richard Benes, Project Leader, Corn Products Co., Argo, Ill.  
Rhio H. Blair, Director: Manufacturing Laboratories, Horton and Converse, Inc., Los Angeles, Calif.  
William Arthur Bosin, Scientist, The Pillsbury Co., Research and Development, Minneapolis, Minn.  
James G. Bradford, Plant Manager, Standard Brands, Inc., Pennsauken, N.J.  
Vijay Dharshi Chheda, Chief Chemist, Neutrogena Corp., Elsegundo, Calif.  
Richard Keith Downey, Research Scientist, Canada Agriculture Research Station, Saskatoon, Sask.  
Vincent Harold Dryer, Chemist, Corn Products Co., Bayonne, N.J.  
Fred Eber, Director R&D Cereal Mixes, J. W. Allen Co., Chicago, Ill.  
Lazaro Carrera Eslao, Quality Control Chemist, Viscount Food Limited, Weston, Ont., Canada  
Milton Freifeld, Manager Technical Service-Chemicals, General Aniline & Film, Inc., New York, N.Y.  
Paul W. Garvis, District Sales Manager, Continental Oil Company, Chicago, Ill.  
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Gary Wilkins Hanson, Analytical Chemist, Salem Oil & Grease Company, Salem, Mass.  
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Merle Sid Masri, Research Chemist, Western Regional Lab. ARS-USDA, Albany, Calif.  
Mitsunobu Masuzawa, Chief of Physical Res., Nippon Oils & Fats Co., Ltd., Tokyo, Japan  
Ruth Hastings Matthews, Research Food Specialist, Human Nutrition Res. Div., ARS, USDA, Beltsville, Md.  
Geraro Joseph Meehan, Chemist-Tech. Center, General Foods Corp., Tarrytown, N.Y.  
William John Mikalie, Development Chemist, Quaker Chemical Corp., Conshohocken, Pa.  
David Patrick J. Moran, Research Manager, Unilever Research, Hertfordshire, England  
Glenn Warren Mortimer, Staff Associate, Texaco, Inc., New York, N.Y.  
Edward J. Napolski, Analytical Research Chemist, Shulton, Inc., Clifton, N.J.  
Tadashi Ochiai, Researcher, Showa Sangyo Co., Ltd., Chiba-ken, Japan  
Richard Allen Ormsbee, Quality Control Chemist, Corn Products Company, Bayonne, N.J.  
James J. Panos, Chemist, Kolmar Laboratories, Inc., Milwaukee, Wis.