

Announcements

Durability and Aging of Geosynthetics, 2nd GRI seminar, Drexel University, Philadelphia, December 8-9, 1988

The seminar is organized by the Geosynthetic Research Institute of Drexel University and will be held at the University City Sheraton Hotel, 36th and Chestnut Streets, Philadelphia, PA 19104.

Purpose and focus of seminar

Between the research polymer chemist and scientist and the pragmatic owner or designer of geosynthetic systems there exists a relatively wide gap in both perspective and outlook regarding identical materials. This comes about by virtue of academic training, employment situations, perceived role, exposure, liability, etc. Nowhere is this gap more important than in the durability and aging issue of geosynthetics. This issue has been challenged by both environmental and transportation agencies as being of fundamental importance to full acceptance and widespread use of geosynthetics. The purpose of this Seminar is to narrow that gap. It hopes to bring into focus the wealth of information that is available on a fundamental basis and spotlight this information directly on the polymeric materials currently used for geotextiles, geogrids, geomembranes, geonets and geocomposites. Experts in each of their respective materials have been selected for invited lectures. Their mission is to bridge the gap, stating what is known, and yet to be determined, about each respective material.

Seminar Program

Thursday, December 8, 1988

- 8:00 Registration
University City Sheraton Hotel
36th & Chestnut streets
Philadelphia, PA 19104
- 9:00 Welcoming Remarks
Robert M. Koerner, GRI
Drexel University
- 9:15 Session I - Concerns and Focus
- Jerry A. DiMaggio, Federal Highway Administration (transportation related concerns)
 - Robert E. Landreth, Environmental Protection Agency (environmental related concerns)

- Henry E. Haxo, Jr., Matrecon, Inc. (focus)

12:00 LUNCH

1:30 Session II - Geotextiles, Geogrids and Geonets

- Ludwig Rebenfeld, Textile Research Institute (overview of fibrous materials)
- Heinrich Schneider, Chemie Linz/Polyfelt, Inc. (polypropylene geotextiles)
- Edward Williamson, Hoechst-Celanese (polyester geotextiles)
- Nigel E. Wrigley, Netlon, Inc. (polyethylene geogrids and geonets)
- Short Papers

4:00 GRI Open House

Friday, December 9, 1988

8:00 Session III - Geomembranes and Geocomposites

- Roger Corneliusen, Materials Dept. Drexel University (overview of sheet and formed materials)
- Walter E. Mahovlich, Union Carbide Corp. (polyethylene geomembranes)
- Melvin A. Schoenbeck, E.I. DuPont de Nemours & Co., Inc. (chlorosulphonated polyethylene geomembranes)
- Richard Dickinson, Industrial Environmental Plastics, Inc. (chlorinated polyethylene and polyvinyl chloride geomembranes)
- Arnold Lustiger, AT & T (HDPE pipe seams)
- Yick Halse, GRI, Drexel University (HDPE geomembrane seams)

12:00 LUNCH

1:30 Session IV - Biological Clogging and/or Degradation

- Michael A. Gealt, Biology Dept., Drexel University (overview of biological growth)
- to be named (biocides in geosynthetic systems)
- George R. Koerner, GRI, Drexel University (biological clogging in geosynthetic systems)
- Short Papers

4:00 Summary and Conclusions

Arthur E. Lord, Jr., GRI, Drexel University

Proceedings, containing the papers of each speaker, will be given to all participants. Ample time for questions and answers and a free flow

of information will be available. The Proceedings will hopefully form an excellent data base which is targeted specifically at the geosynthetic polymers that are currently being used. It might well define those areas where further research and development are needed.

Registration

A seminar registration form may be obtained from the:

Geosynthetic Research Institute,
West Wing – Rush Bldg. (#10)
Drexel University
Philadelphia
PA 19104
U.S.A.

Fee per person: Before November 15, 1988 \$300 – After November 15, 1988
– \$350.00

GRI Consortium Members – \$100

Fee includes: Conference Proceedings, Lunches, Open House, Coffee and
Soda Breaks.

Conference rates have been secured at University City Sheraton, 36th and Chestnut Streets, Philadelphia, PA 19104 (215) 387-8000 for \$70 single; \$80 double. The rooms will be held at this rate until November 15, 1988.

Designing with Geosynthetics: Geotextiles, Geogrids, Geomembranes, Geonets and Geocomposites, November 1988

Two-day short courses on Designing with Geosynthetics are to be held in the course of November, 1988 at three different locations in the U.S.A. The courses are organised by Professor Robert M. Koerner of the Geosynthetic Research Institute at Drexel University.

Professor Robert M. Koerner's interest in geosynthetics spans eleven years of teaching, research, writing and consulting. He holds his BSCE degree from Drexel University, his MSCE from Columbia and Drexel, and his Ph.D. in Geotechnical Engineering from Duke. He is registered P.E. in Pennsylvania and Delaware.

He is the co-author of the first book on geotextiles "Construction and Geotechnical Engineering Using Synthetic Fabrics" and has published over sixty papers on geosynthetics in major engineering periodicals and at national and international conferences. His latest effort is the textbook titled "Designing with Geosynthetics".

Professor Koerner is very active in areas of geosynthetic standards. He is a member of ASTM Committee D-35 on Geotextiles and Geomembranes, and heads numerous task committees. He has also recently chaired the Geotechnical Fabrics Conference '85 and served on the organizing committees for the

Second International Conference on Geotextiles ('82), the International Conference on Geomembranes ('84) and Geosynthetics '87. He is President-Elect of the North American Geosynthetics Society.

He has presented sixty-five short courses on geosynthetics, ranging from a half day to three days, to engineering and technical audiences throughout North America, Europe and South America. They have always been fast paced, informative, responsive to questions and have included the most recent developments.

He is currently the H.L. Bowman Professor of Civil Engineering at Drexel University and Director of the recently formed Geosynthetic Research Institute.

Dates and locations

- #1. NOVEMBER 3-4, 1988
Philadelphia, Pennsylvania
 Sheraton University City
 36th & Chestnut Streets
 Philadelphia, PA 19104
 (215) 387-8000
 Reserved rooms are available at the rate \$80 single or double

- #2. NOVEMBER 10-11, 1988
Atlanta, Georgia
 Sheraton Atlanta Airport Hotel
 1325 Virginia Avenue
 Atlanta, GA 30344
 (404) 768-6660
 (24 hr. free shuttle to airport)
 Reserved rooms are available at the rates of \$72 single - \$80 double

- #3. NOVEMBER 17-18, 1988
Chicago, Illinois
 Sheraton Inn-Walden
 1725 Algonquin Road
 Schaumburg, IL 60173
 (312) 397-1500
 Reserved rooms \$68 single; \$71 double
 (Van transportation from airport \$7.00)

Note:

Reserved rooms at all hotels are only guaranteed prior to three weeks (21 days) before the actual meeting. Please reserve early.

Registration fee: \$325/person for two day course up to one month prior to course date, \$400/person thereafter. (\$100/person for GRI members).

Make Check or Purchase Order to:

“Designing with Geosynthetics”

And Mail to: Geosynthetic Research Institute
Drexel University
West Wing - Rush Building (#10)
Philadelphia, PA 19104

Questions: Marilyn Ashley or Paula Koerner
(215) 895-2343

Cancellations: There will be a \$50.00 cancellation fee for refunds requested within one month prior to the registered course.