The Adhesion Society
February 20-25, 2015
Savannah Marriott Riverfront • Savannah, Georgia

Includes:
• Technical Sessions
• Short Course
• Exhibition

A Sneak Peak at this Year’s Program!

WWW.ADHESIONSOCIETY.ORG
Plan now for the 38th Annual Meeting!

Dear Adhesion Society Attendee:

We look forward to welcoming you to the 2015 Annual Meeting, to be held February 20-25 in Savannah, Georgia.

The Adhesion Society was organized out of the recognized need for a multidisciplinary forum to discuss adhesion issues. In February 1978, its first “Call for Papers” was issued announcing that the inaugural meeting of The Adhesion Society would be on March 20-21, 1978, at the University of Akron. There were eight technical presentations made to approximately 50 attendees. Those present ratified the organizational plans for the new Society and set its development in motion. The rest, as they say, is history.

This, the 38th Annual Meeting of our Society, received more than 150 abstract submissions in nine different areas of Adhesion Science and Technology with contributions from both Academia and Industry which will result in a very strong program. This four day event also offers a two-day short course, poster session, exhibition, student award symposium and concurrent technical sessions.

The Program Committee encourages you to make travel plans to attend the 38th Annual Meeting at the Savannah Marriott Riverfront in lovely Savannah.

Best regards,

Carlos A. Barrios

Anand Jagota  Research Specialist, 3M Corporate Research
Professor, Lehigh University  Materials Laboratory
President, Adhesion Society

Adhesion Science and Technology EXHIBITION

FEBRUARY 22-25, 2015
Marriott Savannah Riverfront Hotel, Savannah, Georgia

The vendor exhibition is integrated with the president’s reception, coffee breaks and poster session, providing high visibility to all meeting attendees. The exhibitor registration fee includes all benefits that are part of the standard registration, for one participant of the exhibit, at the technical program of the meeting. Additional attendees (others) for the exhibit, who participate in the program, must pay the full regular registration fee. Registration options include either single-size or double-size exhibit space. For additional information and to register, visit www.adhesionsociety.org under events.

For more detailed information and to register, visit www.adhesivesociety.org
February 20-21, 2015
savannah Marriott riverfront hotel
savannah, georgia

This two day event provides an introduction and overview to a variety of critically important topics in the field of adhesion. Unlike other courses, the goal is not to give comprehensive coverage of the adhesion field, but rather to use the Adhesion Society Annual Meeting to assemble an outstanding group of instructors that would not otherwise be available in a single course. Each subject is presented by a scientist who is a world leader in that area. This gives the attendees the opportunity to learn from and interact with scientists whose expertise provides a unique view into the history, science and relevance of their topic. For additional information and to register, visit www.adhesionsociety.org under events.

For more detailed information and to register, visit www.adhesivesociety.org
Sunday, February 22

Noon-5:00 p.m. Registration Open
1:30–4:45 p.m. 2015 Award for Excellence in Adhesion Society Symposium
• Introductory Remarks by Dave Reedy, Sandia National Laboratories
• Fracture Tests and Analysis by Kai-Tak Wan, Northeastern University
• A Simple Mixed-Mode Dependent CZM with Illustrative Examples by Dave Reedy, Sandia National Laboratories
• Interface Adhesion and Fracture in Nonmanufacturing Processes by Kevin Turner, University of Pennsylvania
• Interfacial Adhesion of Graphene by Multiscale Models by Rui Huang, University of Texas at Austin
• From Interfacial Fracture Mechanics to Adhesive Interactions by Kenneth Liechti, University of Texas at Austin

5:00–6:00 p.m. Business Meeting
6:30–8:30 p.m. President's Reception & Vendor Exhibition

Monday, February 23

7:00 a.m.–5:00 p.m. Registration Open
7:00–7:45 a.m. Continental Breakfast
8:00–8:45 a.m. Plenary Talk I: Biomimetic Adhesive Microstructures as an Approach to Understand Functioning of Biological Systems featuring Stanislav Gorb, University of Kiel

Morning Technical Sessions
9:00 a.m.–12:30 p.m. Bioinspired Adhesion I: Synthetic Design
Session Chair: Alyssa Stark, The University of Akron
9:00 a.m.–12:30 p.m. Friction & Adhesion
Session Chair: Ali Dhinojwala, The University of Akron & Noshir Pesika, Tulane University
9:00 a.m.–12:30 p.m. Structural Adhesives I
Session Chair: Alojz Ivankovic, University College Dublin
9:00 a.m.–12:30 p.m. Natural Phenomena I: Natural Surfaces
Session Chair: Chris Wohl, NASA Langley Research Center
12:30-1:30 p.m. Lunch on Your Own

Afternoon Technical Sessions
1:30–5:30 p.m. Alan N. Gent
Session Chair: Gregory Schueneman, USDA Forest Products Laboratory
1:30–5:30 p.m. Bioinspired Adhesion II: Synthetic Testing
Session Chair: Joelle Frechette, Johns Hopkins University
1:30–5:30 p.m. Novel Chemistries
Session Chair: Tim Long, Virginia Tech & Steve Willging, H.B. Fuller Company
1:30–5:30 p.m. Natural Phenomena II: Ice Adhesion Prevention
Session Chairs: Douglas Berry, The Boeing Company
5:30–7:00 p.m. Poster Session with Reception
Tuesday, February 24
7:00 a.m.–5:00 p.m.  Registration Open
7:00–7:45 a.m.  Continental Breakfast
8:00–8:45 a.m.  Plenary Talk II: Molecular Nanoparticles Are Unique Elements for Macromolecular Science featuring Stephen Cheng, The University of Akron

Morning Technical Sessions
9:00 a.m.–12:30 p.m.  Soft I: PSA’s
   Session Chairs: Dave Yarusso, 3M Company
9:00 a.m.–12:30 p.m.  Bioinspired Adhesion III: Synthetic Testing
   Session Chair: Aksak Burak, Texas Tech University
9:00 a.m.–12:30 p.m.  Structural Adhesives II
   Session Chair: Xing Yang, Virginia Tech - MII
9:00 a.m.–12:30 p.m.  Measurements & Characterization I
   Session Chair: Chelsea Davis, National Institute of Standards and Technology
Noon–1:30 p.m. Lunch & Afternoon on Your Own
1:00–2:00 p.m.  2016 Program Planning Meeting
2:00–4:00 p.m.  Soft & Structural Adhesives Division Meeting

Afternoon Technical Sessions
4:30–8:00 p.m.  Soft Materials II: Chemistry & Interfaces
   Session Chair: Eric Silverberg, Henkel Corporation
4:30–8:00 p.m.  Computational Modeling
   Session Chair: Mesfin Tsige, The University of Akron
4:30–8:00 p.m.  Surface Liquid Interactions
   Session Chair: Chuck Extrand, Entegris
4:30–8:00 p.m.  Interfacial Phenomena
   Session Chair: Anish Kurian, 3M Company

Wednesday, February 25
7:00 a.m.–Noon Registration Open
7:00–7:45 a.m.  Continental Breakfast
8:00–8:45 a.m.  Plenary Talk III: Modification of Polyolefin Films in the Manufacture of Adhesive Tapes featuring Mark Strobel, 3M Company & Patrick Hager, 3M Company

Morning Technical Sessions
9:00 a.m.–12:30 p.m.  Soft III: Mechanics
   Session Chair: Al Crosby, University of Massachusetts & Ken Shull, Northwestern University
9:00 a.m.–12:30 p.m.  Bioinspired Adhesion IV: Organisms
   Session Chair: Gregory Schueneman, USDA Forest Products Laboratory
9:00 a.m.–12:30 p.m.  Structural Adhesives III
   Session Chair: Zachary Thompson, 3M Company
9:00 a.m.–12:30 p.m.  Measurement & Characterization II
   Session Chair: Chelsea Davis, National Institute of Standards and Technology

*Times and sessions are subject to change*
Savannah Marriott Riverfront
100 General McIntosh Boulevard
Savannah, GA 31401
Phone: (912) 233-7722
or www.adhesionsociety.org

Discount Group Rate
$156 single/double* occupancy or
$181 riverfront occupancy
*additional charges will apply for more than two persons per room

IMPORTANT: The Adhesion Society works directly with the Savannah Marriott Riverfront and does not work with third parties working on behalf of the Savannah Marriott Riverfront and/or the Society. Be sure you contact the Savannah Marriott Riverfront directly to make your hotel reservations.

The group rate is available until 5:00 p.m. EDT on Friday, January 30, 2015.

Reserve your room as soon as possible as the group rate will not be available if the room block sells out prior to the deadline. Reservation requests received after January 30 will be charged standard rates as rooms are available.

The Society kindly asks that you only reserve the number of rooms you need, so other attendees will not be turned away because the hotel room block is full. We appreciate your consideration.

One mission of the Adhesion Society is to provide recognition of the accomplishments in the international adhesion science and technology community.

A special “THANK YOU” to our generous sponsors of the following awards:

- Adhesion Society Award for Excellence in Adhesion Science sponsored by 3M
- The Robert L. Patrick Fellowship Award sponsored by The Adhesion Society
- Distinguished Paper Award sponsored by Henkel
- Peebles Awards for Graduate Student Research in Adhesion Science
- Alan Gent Distinguished Student Paper Award sponsored by Henkel
- Best Poster Award sponsored by [LIST YOUR COMPANY NAME HERE]
- Adhesion Society Young Scientist Award sponsored by the Adhesive & Sealant Council
Register today and save! Registration for the Annual Meeting includes attendance at the technical meeting, all receptions and breaks, meeting proceedings and one year membership to the Adhesion Society.

**Annual Meeting • February 20-25**

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Registration</td>
<td>$600</td>
</tr>
<tr>
<td>Fellow Registration</td>
<td>$525</td>
</tr>
<tr>
<td>Retiree Registration</td>
<td>$300</td>
</tr>
<tr>
<td>Student Registration</td>
<td>$300</td>
</tr>
<tr>
<td>Regular One-Day Registration</td>
<td>$325</td>
</tr>
<tr>
<td>Student One-Day Registration</td>
<td>$175</td>
</tr>
<tr>
<td>Guest Registration</td>
<td>$75</td>
</tr>
</tbody>
</table>

**Adhesion Science & Technology**

**Short Course Only • February 20-21**

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Registration</td>
<td>$975</td>
</tr>
<tr>
<td>Student Registration</td>
<td>$325</td>
</tr>
</tbody>
</table>

**Exhibition/Tradeshow • February 22-25**

This fee includes one participant to the technical program of the meeting. All others should register to attend the technical program.

<table>
<thead>
<tr>
<th>Exhibit Space Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Exhibit Space</td>
<td>$900</td>
</tr>
<tr>
<td>Double Exhibit Space</td>
<td>$1,500</td>
</tr>
</tbody>
</table>

**How to Register**

Registration for the Annual Meeting, Short Course and the Exhibition can be found online at www.adhesionsociety.org/events. You may submit an electronic registration form or fax a printout of the completed PDF to (301) 986-9795. **Pre-registration ends on January 30, 2015. After that date, rates increase by 20 percent.**

If you have any questions regarding registration, please contact Malinda Armstrong, Logistics & Home Office Manager at (301) 986-9700 x106 or adhesionsociety@ascouncil.org.
Join Your Peers in Savannah!

The Adhesion Society
38th Annual Meeting
February 20-25, 2015

Adhesion Science & Technology
Exhibition
February 22-25, 2015

Adhesion Science & Technology
Short Course
February 20-21, 2015

For more detailed information and to register, visit www.adhesionsociety.org.