



2003

Call for Abstracts & Preliminary Program



Abstract
submission
deadline:
June 20, 2003

Surfaces in *Biomaterials* Foundation

BioInterface 2003

October 22-24, 2003

Savannah, Georgia, U.S.A.

Explore the creative solutions and technical challenges that BioInterface 2003 offers with the southern hospitality of Savannah!

About the Foundation

Our Mission...

The Surfaces in *Biomaterials* Foundation is dedicated to exploring creative solutions to technical challenges at the BioInterface by fostering education and multi-disciplinary cooperation among industrial, academic, clinical and regulatory communities.

The Surfaces in *Biomaterials* Foundation exists to:

- Explore surface characterization and problem-solving techniques important in the manufacturing, development and research of biomaterials and offer a strong, united voice within the community
- Provide a forum which allows discussion and dissemination of surface and interfacial information, while protecting proprietary industrial interests
- Coordinate and manage future workshops and symposia to further the worldwide education of surface science
- Further the exchange of innovative information and ideas within the surface science and biomedical communities
- Help in the understanding of interfacial issues common to many researchers and biomedical engineers

Message from the President

Our Mission stresses “multi-disciplinary cooperation among industrial, academic, clinical, and regulatory communities”.

Our mission will be demonstrated throughout BioInterface 2003. We typically have strong representation from each of these areas interacting in an intimate and professional setting. It provides a rather unique opportunity for the academician to talk with the clinician, the regulatory person to teach the academician, the clinician to give feedback to the surface science industry, and so on. This cross-functional approach is what will help make BioInterface 2003 a meeting you will want to attend this year.

As the program suggests, we have a variety of different topics we will discuss, explore, and debate. We have expanded the program to allow more time for discussion, panels, and pro and con debates. We look forward to an exciting meeting and to seeing you in the wonderful city of Savannah.

Mark Moore

Program Chair and President

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Research & Medical Imaging:

From Atoms to Anatomy,
a Picture Speaks a
Thousand Words

Wednesday, October 22, 2003

*Co-Chairs: Jim Brauker, DexCom, Inc.
and Stephen Goodman, Imago Scientific Instruments*

This Workshop will explore the world of Research and Medical Imaging starting at the sub-microscopic level, determining surface structures one atom at a time, to the latest life-saving medical imaging used to diagnose disease in the clinic.

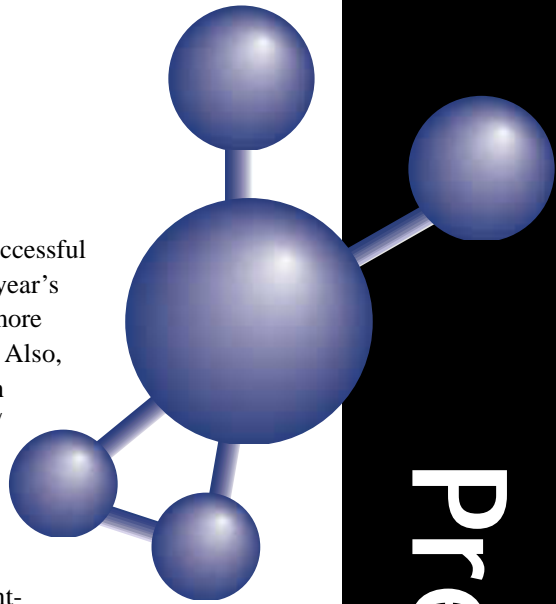
The workshop will begin with a presentation by Stephen Goodman (Imago Scientific Instruments) on the 3-Dimensional Atom Probe Microscope, and end with a presentation by Edward LaFaso (Full Body Scanning of Orange County) on the

use of electron-beam computed tomography in the clinic. Additional speakers will cover numerous other imaging techniques spanning the range from the molecular to the tissue level, including approaches revealing structure as well as composition.

For more information contact Jim Brauker at jbrauker@dexcominc.com or Stephen Goodman at sgoodman@imagoscientific.com.

BioInterface 2003

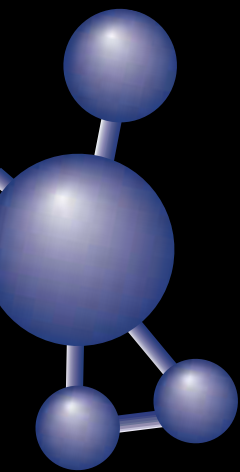
BioInterface 2003 will incorporate successful format changes implemented in last year's meeting. The program will allow for more discussion time within each session. Also, we will ensure that each presentation will address surface characterization/analysis, which eliminates the need for a session on that subject and better reflects the interface theme. Among the programs there will be a debate or "rump" session where point-counterpoint on a hot topic will be colorfully presented. All the sessions promise to be stimulating and thought provoking. Your participation will add to everyone's experience.



Preview

Sessions October 23-24, 2003

- *Hemocompatible Coatings* - Joe Chinn, SurModics, Inc.
- *Tissue Engineering*
- *Relevance of In Vitro and In Vivo Models* - Richard Bianco, University of Minnesota Experimental Surgical Services
- *Immunology* - Julia Babensee, Georgia Institute of Technology
- *Drug Delivery* - James Marotta, Smith & Nephew, Inc.
- *Excellence in Surface Science Award Special Session* - Jim Brauker, DexCom, Inc.



Abstract Submission

Authors are encouraged to submit their abstracts as an email attachment addressed to president@surfaces.org by **June 20, 2003**.

Submitted abstracts are considered final when submitted. Your email message will serve as your abstract submission form and should identify one topical session from the session list on page 3, your preferred method of presentation, and keywords for each abstract submitted; see abstract submission form. Send one email per abstract being submitted. Authors are asked to activate “return receipt” before sending email in order to receive confirmation of receipt of abstract.

Submit only ONE abstract for each presentation; do NOT submit multiple copies of the same abstract, and do NOT submit in blinded format.

Failure to Present

The presenting author is expected to present the paper. If emergencies at the time of BioInterface 2003 prohibit the participation of the presenting author, the Chair(s) of the session and the Program Committee Chair must be notified as soon as possible. It is the presenting author’s obligation to ensure that the abstract is presented.

Notification

Notification of acceptance or rejection will be mailed on or about July 28, 2003. The final selection of abstracts for presentation and placement of accepted abstracts in the program format will be made by the Program Committee.

Abstract Format

A sample abstract is available at www.surfaces.org/meetings or may be requested from the Educational Services Department at the Foundation office at +1 (763) 765-2345. Abstract information must not appear on or outside the margins. Format a single 8.5x11-inch (21.59cm x 27.94cm) document to the image specifications below. All information must fit on one page.

Top & Bottom	0.75 inch (1.9cm)
Left & Right	0.75 inch (1.9cm)
Column Width	3.25 inches (8.25cm)
Between Columns	0.5 inch (1.27cm)

Title

Type the abstract title in upper and lower case letters. Use a short, substantive title. Title should be centered over both columns.

Authors

The presenting author's name must be underlined. This person is expected to present the paper. If emergencies at the time of BioInterface 2003 prohibit the participation of the presenting author, the Chair(s) of the session and the Program Committee Chair must be notified as soon as possible. It is the presenting author's obligation to ensure that the abstract is presented.

Type author(s) name(s) and institution with complete mailing and email addresses, including country. Do not use titles, i.e., MD, PhD, etc. Use upper and lower case type. If the affiliations of the other authors are different from the first author, use superscript to note differing affiliations.

Abstract Body

Text should be typed single-spaced. Do not skip a line between paragraphs. Type should be 8 to 10 points in either Arial, Courier New, Helvetica, Marlett, Modern, Symbol, Times, Times New Roman, or Wingdings. **The abstract is required to include a section on surface characterization/analysis.**

Abstract Submission Form

Your email will serve as your abstract submission form. Choose the one topical session from the sessions listed that is most appropriate. Final assignment will be subject to the decision of the Program Committee.

Podium or Poster Preference

The preferred method of presentation (podium or poster) should be noted. Final determination will be made by the Program Committee.

Abstracts accepted for podium presentation will be provided 15 minutes for didactic presentation, followed by 5 minutes for discussion. The nature of the multiple session format makes it

imperative that these time limits be strictly observed by all participants. Audio-visual is a single LCD projection. The LCD WILL BE 1,024X768 RESOLUTION WITH 1,000 ANSI LUMENS. Your presentation must not include animation or sublinks to other programs. No laptop or wireless mouse will be provided. You must provide your own laptop for LCD presentation. If using an LCD projector, we encourage bringing overhead transparencies as back up. Absolutely no video-enhanced equipment will be allowed.

Abstracts accepted for poster presentation will be provided a poster board that is 4 ft. high x 8 ft. wide (1.22m high x 2.44m wide), for mounting their descriptive material. The presenting authors must be at their panels during the scheduled Poster Session listed in the Final Program and adhere to Set-Up/Tear-Down instructions included in the acceptance notification.

Outside Support

Support from outside sources must be listed in the abstract. In adherence with standards of the Accreditation Council for Continuing Medical Education, and guidelines of the Food and Drug Administration as endorsed by the American Medical Association, any conflict of interest must be clearly recognizable. Check "Outside Support" if a potential conflict of interest exists. The indication of outside support does not affect the decision of abstract acceptance or rejection.

Keywords

Each submitting author should provide at least one and up to three keywords of his or her own choosing.

For complete Author Kit, visit www.surfaces.org/meetings

Questions regarding abstract submission should be addressed to Mark Moore at president@surfaces.org.

We gratefully acknowledge the support of our 2002 Supporting and Academic Members!

2002 Supporting Members



2002 Academic Members



Excellence in Surface Science Award

This award honors outstanding researchers for significant contributions to the field of surface science. The winner will be the featured speaker during the special awards session on Friday, October 24, 2003.

David J. Lee Student Award

This award recognizes excellence in student research. The award winner will receive \$1500 and will be selected from student poster presentations at the meeting and will be recognized at the special session.

Visit www.surfaces.org/awards/index.htm for further information on the awards and nominations process.

Visibility

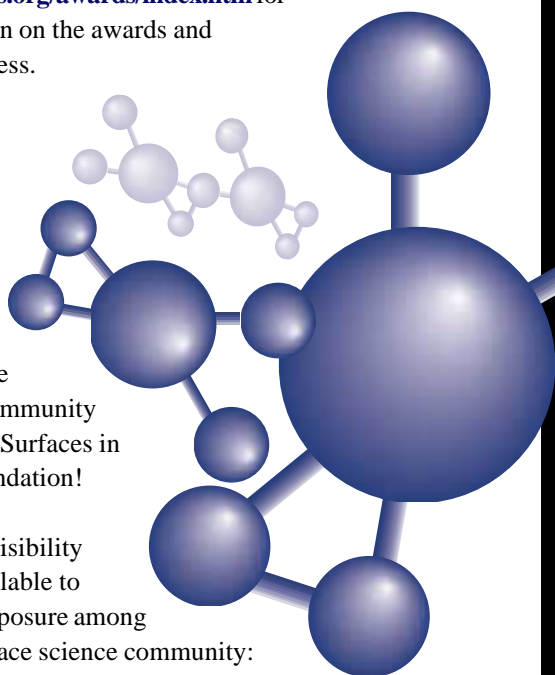
Gain a voice in the surface science community by supporting the Surfaces in *Biomaterials* Foundation!

We have several visibility opportunities available to maximize your exposure among leaders in the surface science community:

- Sponsorship
- Membership
- Exhibition
- Advertising

Contact our Business Development Department to choose a visibility opportunity that best fits your corporate goals and budget!

+1 (763) 765-2350 • visibility@surfaces.org



Social Program / City of Savannah

Quiz:

- 1) What city is the home of the first golf course in America?
- 2) What city was the first to be given to the President of the United States as a Christmas gift?
- 3) What is considered the birth place of the cotton gin?
- 4) What Georgia city has been given the "Top Destination Award" by *Facilities Magazine*?
- 5) What city can lay claim to be the port for the first steamboat to cross the Atlantic Ocean?

Bonus:

What city is going to host to the 2003 Low Country Boil for the Surfaces in *Biomaterials* BioInterface?

Answer:

SAVANNAH!!

Savannah, Georgia is the host of the 2003 Surfaces in *Biomaterials* BioInterface! Attendees will truly be captivated by the city's charm, the richness of the heritage, and the multitude of activities offered.

Savannah has often been thought of as having down home values and southern hospitality. With over 270 years of existence, this gentle city has learned to grow and expand. Today, Savannah offers world-class restaurants, art galleries, deep sea fishing, professional baseball, dolphin watching, and one of the largest historic districts in the nation. The 'Hostess City of the South' is also home to the City Market; a district known for its live music and entertainment!

Low Country Boil Reception - October 22, 2003

Join your colleagues for delicious food and enticing drinks at this year's Low Country Boil, a true Southern tradition. One Low Country Boil reception ticket is included with every registration.

The Poster and Exhibition Lunch - October 23, 2003

A perfect opportunity to discuss research with poster presenters and see the latest **research and technology in surface science!**

Log onto www.surfaces.org/meetings for more information regarding the 2003 Surfaces in *Biomaterials* Foundation BioInterface.

Housing Information

Savannah Marriott Riverfront
100 General McIntosh Blvd. • Savannah, GA 31401
+1 (912) 233-7722 phone • +1 (912) 233-3765 facsimile
www.marriotthotels.com/savrf

The Savannah Marriott Riverfront is majestically located right on the Riverfront and minutes away from everything in Savannah. The property has withstood the test of time, and has grown with the world-famous River Street. With 383 Guest Rooms, 46 Suites, Indoor & Outdoor pools, Jacuzzi, Restaurants, and much more, the Savannah Marriott has simply enhanced the aura of the Riverfront!

Log onto www.surfaces.org/meetings for a printable version of the hotel reservation form. When making reservations, be sure to identify yourself as a Surfaces in *Biomaterials* 2003 attendee to receive the discounted room rate of \$169.00. Hotel reservations should be transmitted directly to the hotel via telephone, mail, or facsimile. Reservations received after September 12, 2003, or after the block fills, are subject to space and rate availability. To ensure hotel availability, it is highly recommended that attendees make their reservations early. One night room and tax deposit is required at the time of booking. Deposits are refundable if cancelled 24 hours prior to arrival. All checks must be issued in U.S. dollars and made payable to the Savannah Marriott Riverfront.

Cancellations

Cancellations must be received 24 hours before arrival to avoid a charge for the first evening.

BioInterface 2003 Registration October 22-24 • Savannah, GA, U.S.A.

Save time and postage - register online at www.surfaces.org

Please print or type.

First Name _____

Last Name _____

Affiliation _____

Department _____

Address _____

City _____

State _____ ZIP/Postal Code _____ Country _____

Email _____

Telephone _____

(For international numbers, please include country and city code.)

Facsimile _____

(For international numbers, please include country and city code.)

ADA/Special Requests _____

2003 Membership

Individual \$50† Academic \$625 Supporting \$2,500

†Join now and save on your Symposium registration.

Symposium

Member \$440 \$490

Non-Member \$480 \$545

Post-Doc/Student Member* \$245 \$295

Post-Doc/Student Non-Member* \$255 \$335

Workshop

Member \$195 \$220

Non-Member \$220 \$245

Post-Doc/Student Member* \$ 90 \$110

Post-Doc/Student Non-Member* \$115 \$135

Social

Extra Ticket to Low Country Boil \$ 35 \$ 35

Extra Ticket to Poster and \$ 20 \$ 20

Exhibition Reception

Discount for dual Symposium/Workshop registration \$60

TOTAL \$ _____

Registration Code _____

***Status Verification** - I attest the named individual is a full-time, degree-seeking student or is a post-graduate in training at an academic institution.

X _____

Signature of advisor or department chair

Advisor's Printed Name _____

Advisor's Telephone _____

Advisor's Email _____

Check (made payable to Surfaces in *Biomaterials* Foundation)

MasterCard **VISA** **American Express**

Name (as it appears on card) _____

Card # _____

Expiration Date _____

Cardholder Signature _____

SEND TO: Surfaces in *Biomaterials* Foundation

13355 Tenth Ave. N., Suite 108 • Minneapolis, MN 55441-5554

Facsimile: +1(763) 765-2329 • www.surfaces.org/meetings

Registration – Visit www.surfaces.org/meetings/2003/registration.htm to register online. Direct questions to the Foundation's Registration Department by phone at +1 (763) 512-9103, or email to registration@surfaces.org.

BioInterface 2003 – Registration includes Poster and Exhibition Lunch, morning and afternoon breaks, a ticket to the Low Country Boil, and the Symposium notebook. Workshop registration includes breaks, lunch, and notebook. Discounted member rates apply to Surfaces in *Biomaterials* Foundation individual members and employees from Supporting and Academic Member companies/institutions.

Student and Post-Doc Registration – Proof of status must accompany all student and post-doc registrations. Discounted student rate applies to full-time, degree-seeking students. Discounted post-doc rate applies to post-graduate, degreed individuals in training at academic institutions, such as medical interns, post-doctoral students, or residents. Student presenters receive complimentary registration.

Cancellations – Must be received in the Foundation Office in writing on or before September 27, 2003. Cancellations received after September 27, 2003 will not be honored. Cancellations received on or before September 27, 2003 will be refunded after November 27, 2003, and will be assessed a \$50 cancellation fee.

Payment – May be made by check or money order, or by MasterCard, American Express, or VISA credit cards. Checks and money orders, made payable to Surfaces in *Biomaterials* Foundation, must be in US dollars and drawn on a US bank.

ADA/Special Requests – For equal and full enjoyment of the Symposium, please specify any requirements you may have.

Dietary – Please specify dietary requirements in the ADA/Special Requests area of the registration form. Every effort will be made to meet dietary requirements; however, requests are subject to availability.

Dress code – The dress code for BioInterface 2003 is business casual.



Surfaces in *Biomaterials* Foundation
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Minneapolis, MN 55441-5554

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BioInterface Technologies!**