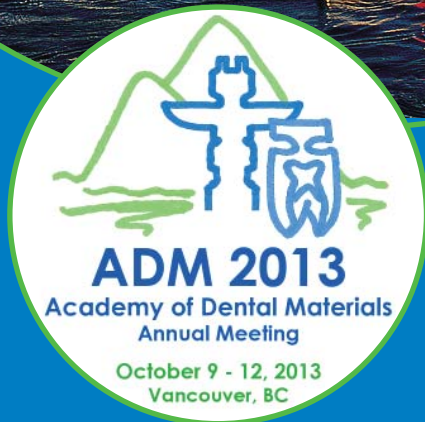


# Academy of Dental Materials Annual Meeting 2013

October 9 - 12, 2013

The Westin Bayshore  
Vancouver, BC, Canada



## Meeting Information

The topics of the meeting:

1. The impact of oral environment on dental materials and dental structure
2. The impact of dental materials and procedures on the oral environment and dental structure
3. Strategies to maintain and repair adhesive joints

The overall goal of the meeting is to provide a critical assessment of how different materials interact with the oral environment and which strategies are available to improve the quality and survival of adhesive joints between materials and dental structure. The results of this conference may serve as a basis for a future research in the field and to translate to practitioners the knowledge required to understand the materials and procedures used in daily practice. Please refer to the scientific program for the list of confirmed invited speakers.

## Location

The Westin Bayshore | 1601 Bayshore Drive, Vancouver, BC, Canada V6G 2V4

A block of rooms has been set aside at a special rate of CDN \$164.00 (plus tax) for a standard guest room (single/double) and will be held based on availability until September 18, 2013. Reservations can be made online, or by phone, toll free: 1.800.937.8461; or +1.604.682.3377; please specify that you are booking under "ADM2013".

## Registration

Registration will be handled through the website of the Academy of Dental Materials: [www.academydentalmaterials.org](http://www.academydentalmaterials.org)\*  
Registration form is available online.  
For registration and ADM membership enquiries, please contact Dea Dea Hilton at [admreas@comcast.net](mailto:admreas@comcast.net).

## Call For Abstracts

Abstracts for poster presentations must be submitted on the ADM website: [www.academydentalmaterials.org](http://www.academydentalmaterials.org) by June 1st, 2013. For more information, please contact Milena Cadenaro, Transaction Editor at [adm.abstracts@gmail.com](mailto:adm.abstracts@gmail.com)

## Contact us

Lorenzo Breschi  
President ADM 2012-2014  
e-mail: [lbreschi@units.it](mailto:lbreschi@units.it)

Ricardo Carvalho  
ADM 2013 Meeting Local Organizer  
e-mail: [rickmc@dentistry.ubc.ca](mailto:rickmc@dentistry.ubc.ca)





## Wednesday, October 9<sup>th</sup>, 2013

6:45 pm to 7:30 pm **Special Lecture: From Benchtop to Chairside; How Scientific Evidence is Incorporated into Clinical Practice**  
**Dr. Sharon Tracy**, Assistant Director, Centre for Evidence-Based Dentistry, American Dental Association (ADA), Chicago, IL, USA

## Thursday, October 10<sup>th</sup>, 2013

**Session Topic:** The Impact of Oral Environment on Dental Materials and Dental Structure

8:30 am – 9:30 am **Biodegradation of Resin Composite and Adhesives by Oral Bacteria and Saliva. Do We Need to Improve the Material or the Clinical Technique?**  
**Dr. J. Paul Santerre**, Director, Institute of Biomaterials and Biomedical Engineering, University of Toronto, Toronto, Canada

9:30 am – 10:30 am **Impact of Oral Fluids on Ceramics. What is the Clinical Relevance?**  
**Dr. Michael Swain**, Professor (Head), Biomaterials, Department of Oral Rehabilitation, University of Otago, School of Dentistry, Dunedin, New Zealand

10:30 am – 12:00 pm Coffee Break + Poster Session

12:00 pm – 1:00 pm **Dental Erosion. Is There a Place for Dental Materials in the Prevention and/or Treatment?**  
**Dr. Thomas Attin**, Chairman, Clinic for Preventive Dentistry, Periodontology and Cariology, University of Zurich, Zurich, Switzerland

1:15 pm – 2:30 pm Optional: Lunch and Learn (see below)

### NEW THIS YEAR: Lunch and Learn

The registration is limited to **9 participants per session**. \$25 including lunch.

**“Fundamentals of Photopolymerization as Applied to Dental Materials”**  
Facilitated by **Dr. Jeffrey W. Stansbury**, Professor and Vice-Chair; Associate Dean for Research Department of Craniofacial Biology, University of Colorado School of Dental Medicine, Aurora, CO, USA

**“Mechanical Fatigue Degradation in Resin Composites and Related Mechanisms”**  
Facilitated by **Dr. Ulrich Lohbauer**, MSc, PhD, FADM; Head of Laboratory for Biomaterials Research; Dental Clinic 1 - Operative Dentistry and Periodontology Erlangen, Germany

**“Bulk fill resin-composites”**  
Facilitated by **Dr. Nick Silikas**, BSc(Hons), MPhil, PhD, FADM, Senior Lecturer, PostGraduate Research Tutor, School of Dentistry, University of Manchester, Manchester, UK

**“Phase Separation and Material/Tissue Interfacial Integrity”**  
Facilitated by **Dr. Paulette Spencer**, DDS, PhD; Ackers Distinguished Professor, Dept. of Mechanical Engineering; Director, Bioengineering Research Center, University of Kansas, Lawrence, KS, USA

## Friday, October 11<sup>th</sup>, 2013

**Session Topic:** The Impact of Dental Materials and Procedures on the Oral Environment and Dental Structure

8:30 am – 9:30 am **Dental Materials with Antibiofilm Properties**  
**Dr. Markus Haapasalo**, Chair, Department of Oral Biological and Medical Sciences, Division of Endodontics, The University of British Columbia, Vancouver, Canada

9:30 am – 10:30 am **Present and Future of Glass-Ionomers and Calcium Tri-silicate Cements as Bioactive Materials in Dentistry**  
**Dr. Timothy Watson**, Director of Research, King's College London Dental Institute, Guy's Hospital, King's College London, London, UK

10:30 am – 12:00 pm Coffee Break + Poster Session

12:00 pm – 1:00 pm **Dental Materials and Oral Tissues. Strategies to Improve Biocompatibility**  
**Dr. Carlos Alberto de Souza Costa**, Full Professor, Araraquara School of Dentistry, Department of Physiology and Pathology, State University of São Paulo (UNESP), Araraquara, Brazil

### Academy of Dental Materials Gala Dinner

Date: Friday, October 11, 2013

Time: To be announced

Location: Aboard a private cruise ship enjoying the breathtaking beauty of Vancouver's skyline

*See registration form for more details*

## Saturday, October 12<sup>th</sup>, 2013

**Session Topic:** Strategies to Maintain and Repair Adhesive Joints

8:30 am – 9:30 am **Biomodification of Dental Tissues**  
**Dr. Ana Karina Bedran-Russo**, Director of the Biomaterials Research Laboratory, University of Chicago, Chicago, IL, USA

9:30 am – 10:30 am **Biomimetic Mineralization of Dentin**  
**Dr. Franklin Tay**, Interim Chair, Endodontics; Director of Grad Program Endodontics, Georgia Health Sciences University, Augusta, GA, USA

10:30 am – 12:00 pm Coffee Break + Poster Session

12:00 pm – 1:00 pm **Therapeutic Polymers. Loading Resins with Bioactive Compounds**  
**Dr. Satoshi Imazato**, Professor and Chair, Department of Biomaterials Science, Graduate School of Dentistry, Osaka University, Osaka, Japan

1:00 pm – 1:30 pm **The Current Focus of NIDCR's Dental and Biomaterials Research**  
**Dr. James Drummond**, Director, NIDCR, Biomaterials, NIH-USA, Bethesda, MD, USA

1:30 pm Meeting Adjourned

# Sponsors

We would like to greatly acknowledge the following sponsors:

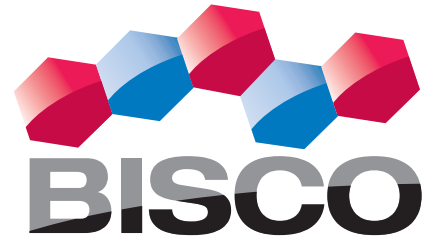
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