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ANNUAL SESSION 2011



From President Dr. Alvaro Della Bona

Message from the President 2010

The Academy is a result of many great men that worked hard to always raise the standards. I would like to start thanking you all for having honored and entrusted me with the responsibility to keep such high standards. I am grateful to have had the opportunity to learn from our ADM board members during the past four years as Secretary and Vice-President, especially with the former Presidents Marco Ferrari and Jason Griggs. It is my promise to follow the Academy By-Laws, including the promotion of the following objectives: 1) to provide a forum for the exchange of information on all aspects of dental materials; 2) to enhance communication between industry, researchers and practicing dentists; 3) to encourage dental materials research and its applications; and 4) to promote dental materials through its activities.

The annual meeting in Trieste, Italy was a tremendous success resulted from careful planning and intensive work. Thanks to the President **Marco Ferrari**, the excellent speakers, the fabulous support of our sponsors, and the local organizing committee led by **Lorenzo Breschi** and **Milena Cadenaro**, who were supported by the local staff members: Valeria Angeloni, Marina Diolosà, Andrea Frassetto, Giuliana Liani, Giulio Marchesi, Patrizia Martin, Andrea Martin, Ottavia Navarra, Gianluca Turco, Erika Visintini.

The very interesting presentations on the **State of the Art in Dental Materials** was attended by over 230 participants from 25 different countries, one of our most diverse and largest annual meetings!

At the business meeting, we had the Treasury report, the *Dental Material* editor's report, and the presentations of the new ADM fellows, the Paffenbarger award, and the Founder's award to Dr Sally Marshall. More information on these subjects can be found in the following pages. In addition, Dr. David Pashley was recognized for his extensive work in dental materials research and teaching.



Trieste, Italy was a wonderful and accessible venue for the 2010 Annual Meeting

On Sunday, October 10th, the local organizing committee excelled in its job by preparing an exciting experience for the ADM meeting attendees to enjoy the Barcolana regatta from the sea, with a half day navigation on a motor vessel. Participating on such spectacular event among friends, following the

incredibly fast boats, was an unforgettable experience!

It will be a very difficult task to match the Italians at next ADM meeting in **Brazil**. We will do our best. So book **October 13-15th, 2011** on your agenda and let's meet the Academy objectives, sharing dental materials knowledge and friendship at **Costa do Sauipe**. We will keep our usual format of three half-days, which allows attendees to enjoy the best beach resort of South America, the local beaches and tourist attractions during the free afternoons. These meetings provide excellent opportunity to meet with many experts in dental materials, most of whom are members of the Academy. New members and students should be encouraged to participate in such events. For more information read the following pages and check out our web site <http://academydentalmaterials.org/meetings.html>.

I wish you and your families good health, peace and success in 2011.
Alvaro Della Bona
President, ADM (2010-2012)



Dr. Alvaro Della Bona accepting Presidential Plaque from Immediate Past President Marco Ferrari

From Editor Dr. David Watts

Editor's Report – November 2010
In 2010 the journal has continued to receive an increasing level of

submissions. Apart from intrinsic scientific excellence, the editorial team, editorial board and reviewers constantly strive to identify papers that fit the evolving profile of what constitutes the best dental materials research in our generation. The papers presented at the ADM meeting in Trieste exemplify such highlights and are scheduled for publication in the January 2011 issue [27(1)], along with the online publication of the 80+ poster abstracts from Trieste.

In addition to the academically equivalent Print and e-Print (online-only) modes of acceptance, authors now have a further option available. We have arranged with Elsevier for the option of "Print publication with supplementary online-only information". There is now an additional step in EES submission. When authors reach the 'attach files' screen, they have the option to choose 'supplementary data' from the drop down list and attach the files (e.g. tables, appendices) at the same time as the manuscript and figure file, for upload to EES together. In the pdf that EES creates the supplementary files appear at the end under the heading 'supplementary data' so that the reviewers can see them, but, if the paper is accepted, these would not appear in the printed proof.

Once in production the proof has - just before the reference list - the heading: 'Supplementary data related to this paper can be found at' and then a link, which takes you to the data. In the printed proof there will be a DOI link which readers could then copy and paste into a browser if

they want to look at the online-only data.

Used sensibly – that is, avoiding adding redundant information – this option provides for a more efficient use of our print space.

David Watts (Editor)

From Treasurer Dr. Tom Hilton

The Academy's continues to be in good financial condition. The following figures represent the period of Oct 1, 2009 – Oct 1, 2010 (more detailed information is available upon request):

	2010
Total members	276
Registered for meeting	234 (paid)
Total assets	\$516,797
Total income	\$183,514
Royalties	\$49,661
Total expenses	\$192,725
Net income	\$40,451

The final figures for the Trieste meeting will not be known for several months, until all bills are paid. However, the 2009 annual meeting in Portland, OR netted \$23,998 for the Academy. The current assets for the Academy are divided among several accounts in two different U. S. banks (Wells Fargo, U.S. Bank) to make certain we have less than \$250,000 in each bank account. This is the limit of federal insurance on bank accounts in the U.S. By diversifying the Academy's assets in this way, we ensure that all of the Academy's money is insured.

Contributions of Dr. Sally Marshall Recognized via Founder's Award

This highest ADM award was initiated to honor Dr. Evan Greener in recognition of his contributions to the Academy. Dr. Marshall was instrumental in assisting Dr. Greener in reorganizing and reinvigorating the predecessor American Academy for Plastics Research in Dentistry as the ADM. This history was memorialized in the first issue of Dental Materials (Marchall W Jr, Marshall SJ, Bayne SC, Greener EH. 1985;1:1-2). Her contributions to the profession and the growth of the ADM have been extensive.

Congratulations New ADM Fellows!

Four Academy members were recognized as having met the criteria for Fellow:

Dr. Mutlu Ozcan
Dr. Steven Armstrong
Dr. Paulo Cesar
Dr. Yong Wang

Fellowship in the ADM Academy is reserved for members in good standing who have met specific career achievements. The criteria to apply for Fellowship are (1) achievement of advanced degrees: at least a master's degree and preferably a Ph.D., Odont Dr., or equivalent degree; (2) publication of at least ten peer-reviewed, scientific articles in refereed journals of which the candidate should be first author on one-half of the articles; (3) at least five years of leadership through research, training, service, and/or education beyond formal education; and (4) normally at least five years membership in the Academy.

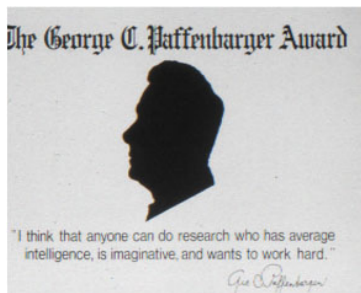
J. ROBERT KELLY, SECRETARY



Founder's Award from President Marco Ferrari

Paffenbarger Award

"This award, instituted in 1986, is to be presented yearly to a student by the Academy of Dental Materials for outstanding original research."



1st. Resin Bond-Strength to Alumina Coated Dental Oxide Ceramics. M GOLOBIČ*¹, A KOCJAN², T KOSMAČ², P JEVNIKAR¹ (¹University of Ljubljana, Ljubljana, Slovenia, ²Jozef Stefan Institute, Ljubljana, Slovenia) \$1750+ free registration next year.

2nd. Proprietary Solvent Enhances Dentin Wettability. P MEHTÄLÄ*¹, K AGEE², L BRESCHI³, DH PASHLEY², L TJÄDERHANE¹ (¹University of Oulu, Oulu Finland, ²Medical College of Georgia, Augusta, USA, ³University of Trieste, Italy) \$1250+ free registration next year.

3rd. Measurement of the Phase Transformation of 3Y-TZP in Depth Using Raman Spectroscopy. C WULFMAN*^{1,2}, N DUPONT², M SADOON¹, M LAMY DE LA CHAPELLE² (¹URB2I-EA4462, University Paris Descartes, France, ²CSPBAT, University of Paris 13, France) \$1000+ free registration next year.

The Academy offers special thanks to the Paffenbarger Awards Committee:

Dr. Kenneth Anusavice
Dr. Jeffery Thompson
Dr. Jack Ferracane

Current Corporate Members



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2011 Scientific Program

The 2011 ADM Meeting will be held at the Costa do Sauipe, Bahia, Brazil, October 13-15. The ADM board selected a very interesting program to attract a large number of dental scientists and practitioners. The meeting will consist of three half-days of plenary and poster sessions:

Day 1 What are the materials and processes of the future? Development of new materials and manufacturing processes.

Day 2 When is the appropriate time to market a dental material product?

Day 3 How should material optimization occur to ensure safety/effectiveness and to establish indications? Evaluation of materials for clinical function: clinical trials; structural integrity testing; simulation experiments (predictions of clinical performance of the systems) such as FEA; fatigue tests; wear tests; fractography; and durability.

This program, headlined by internationally recognised experts, is likely to be of interest to most dental materials researchers, whether academic- or industry-based, and a large attendance is expected (app. 300). Confirmed speakers:

Dr. Jeffrey Stansbury (University of Colorado, USA)

Dr. Kenneth Anusavice (University of Florida, USA)

Dr. Richard van Noort (University of Sheffield, UK)

Dr. Robert Kelly (University of Connecticut, USA)

Dr. Steve Bayne (University of Michigan, USA)

2011 Meeting Location

Costa do Sauipe is considered the best beach resort in South America. The Coconut Coast of Bahia is a synthesis of what's most charming in coastal northeastern Brazil. Twenty six beaches, where white dunes intercalate with coconut palm-trees along the entire coast, compose a singularly paradisiacal scene. Costa do Sauipe is located within this privileged part of Brazil, just 50 miles away from Salvador, the historical capital of Bahia, one of the 26 states of Brazil. Salvador can be easily reached by air via direct flights from North America and Europe.

2011 Meeting Venue

The Costa do Sauipe resort is especially attractive for relaxing, sports-oriented activities and family vacationing – *and is all-inclusive* at what will be a very attractive price. The complex offers: six Villas, several restaurants (Asian, Bahian, French, International, Mediterranean, Portuguese...), typical bars (Mexican, colonial, casual), night clubs, fitness centers, ecotourism (bird watching, sailing, natural pools, river trip), Sauipe Country (kids farm), an aquatic complex, shopping area (fashion wear, accessories e souvenirs), and a sport center (tennis, equestrian, nautical and golf center).

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