



CHICAGO2010

the AMERICAN PROSTHODONTIC SOCIETY

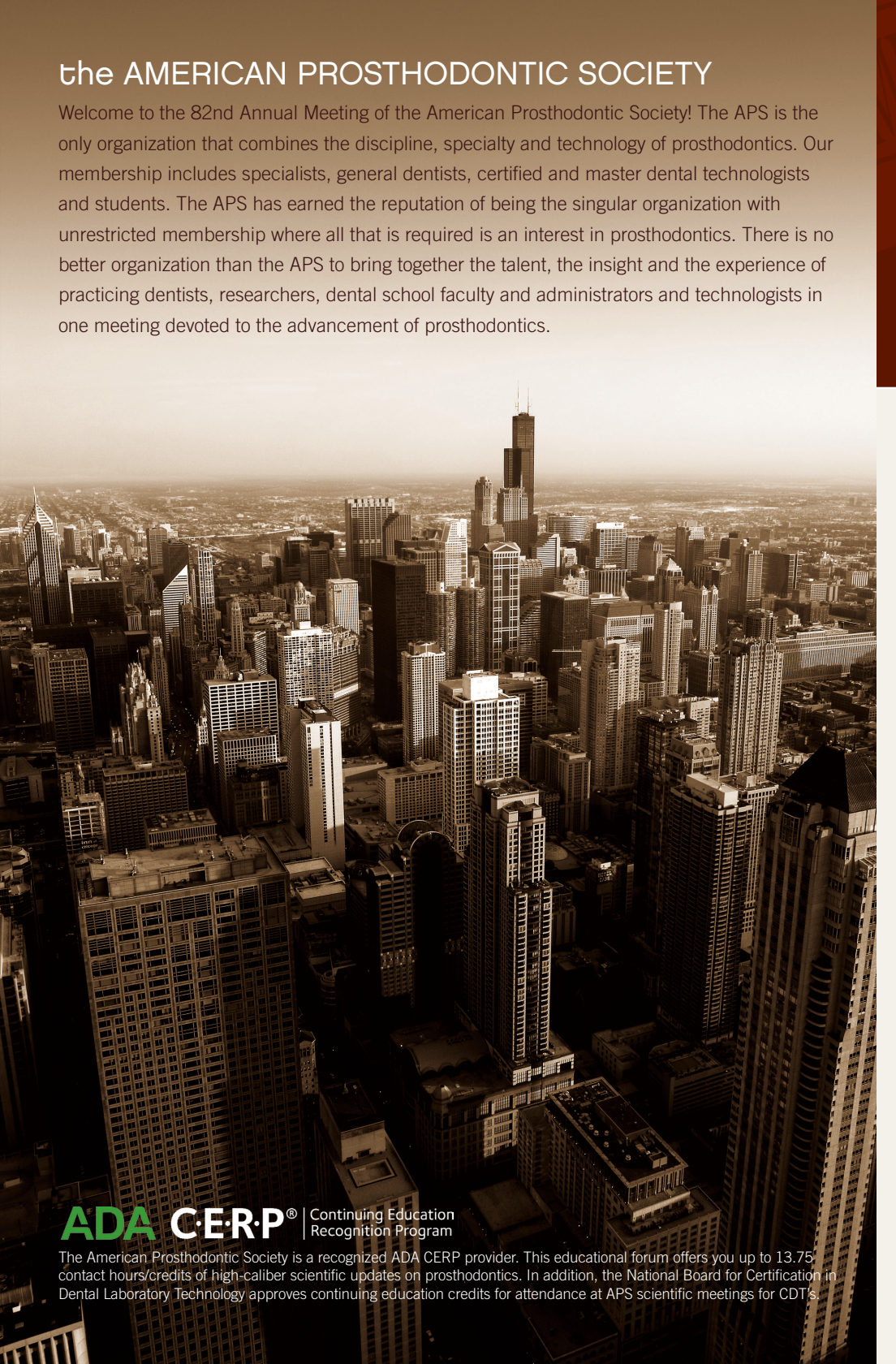
Final Program

82nd ANNUAL MEETING OF
THE AMERICAN PROSTHODONTIC SOCIETY

FEBRUARY 25-26, 2010 • THE WESTIN CHICAGO RIVER NORTH • CHICAGO, ILLINOIS USA

the AMERICAN PROSTHODONTIC SOCIETY

Welcome to the 82nd Annual Meeting of the American Prosthodontic Society! The APS is the only organization that combines the discipline, specialty and technology of prosthodontics. Our membership includes specialists, general dentists, certified and master dental technologists and students. The APS has earned the reputation of being the singular organization with unrestricted membership where all that is required is an interest in prosthodontics. There is no better organization than the APS to bring together the talent, the insight and the experience of practicing dentists, researchers, dental school faculty and administrators and technologists in one meeting devoted to the advancement of prosthodontics.



ADA CERP® Continuing Education
Recognition Program

The American Prosthodontic Society is a recognized ADA CERP provider. This educational forum offers you up to 13.75 contact hours/credits of high-caliber scientific updates on prosthodontics. In addition, the National Board for Certification in Dental Laboratory Technology approves continuing education credits for attendance at APS scientific meetings for CDT's.

APS Mission Statement

To promote the advancement of the discipline of prosthodontics by integrating the generalist, specialist and dental laboratory technologist in a manner that will continuously seek improvement of patient treatment. We will accomplish this through education and research.

2009-2010 EXECUTIVE COUNCIL

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Program Chair

Steven Sadowsky, DDS
*Graduate Prosthodontic
Program Chair/Corporate
Relations Committee Chair*

John D. Ball, DDS
Table Clinics Chair

APS Meeting Goals

- Highlight evidence-based dentistry, where scientific research is applied to clinical dentistry
- Provide interdisciplinary instruction and advanced knowledge in prosthodontic education
- Provide an international representation in the prosthodontic field
- Create an environment for networking, professional interaction and knowledge sharing among participants

2010 Program Schedule At-A-Glance

Registration Grand Court

Exhibits/Table Clinics Grand Ballroom C

General Session Grand Ballroom A/B

Business Luncheon Promenade Ballroom

WEDNESDAY, FEBRUARY 24, 2010

4:00 - 7:00pm Registration Open

THURSDAY, FEBRUARY 25, 2010

Morning Moderator: Lillian Mitchell, DDS

7:00 - 8:00am Continental Breakfast/Registration

8:00 - 8:15am Call to Order/Opening Remarks

8:15 - 8:30am Presentation of the Golden Medallion Award

8:30 - 9:00am **Electronics Education Resources in Dentistry: Benefits, Formats, and Application**
Charles J. Goodacre, DDS, MSD

9:00 - 9:45am **Clinical and Technical Experiences with Two Different Types of Zirconia Based Fixed Dental Protheses**
Daniel Edelhoff, DMD, PhD

9:45 - 10:00am **Zirconia in Removable Prosthodontics**
Nico Buehler: Graduate Prosthodontic Program Speaker

10:00 - 10:15am **Effects of Hydrophilic Monomers on Physical Properties of Glass-ionomer Cements**
Alireza Moshaverinia, DDS, MS: Graduate Prosthodontic Program Speaker

10:15 - 10:30am Coffee Break

10:30 - 10:45am **Causes of Chipping/Fracturing in Zirconia Based All-ceramic Restorations**
Thomas Suranyi, DDS: Graduate Prosthodontic Program Speaker

10:45 - 11:30am **Caries Management by Risk Assessment – The Caries Balance**
John D.B. Featherstone, MSc, PhD

11:30am - 12:15pm **Oral Art and Design: Material Selection in All-ceramic Applications**
Michael R. Sesemann, DDS

12:15 - 2:15pm Business Meeting Luncheon

Afternoon Moderator: Robert Kreyer, CDT

2:15 - 3:00pm **Implant Overdentures: The Time Has Come for this Technology**
Jocelyne Feine, DDS, MS

3:00 - 3:45pm **Digital Dentistry: Beyond Imagination**
Lee Culp, CDT

3:45 - 4:00pm Coffee Break

4:00 - 4:45pm **Implants and Lasers – Technology Crossroads**
Thomas J. McGarry, DDS

4:45 - 5:30pm **Review of Previous Implant Surfaces, Current Technologies and a Look into the Future**
John Beumer, DDS, MS

5:30 - 8:00pm Reception/Table Clinics/Exhibits

FRIDAY, FEBRUARY 26, 2010

Moderator: Richard Williamson, DDS, MS

7:00 - 8:45am Continental Breakfast/Table Clinics/Exhibits/Registration

8:45 - 9:45am **The Ceramic Update**
Markus B. Blatz, DMD, PhD

9:45 - 10:30am **Incorporating New Technology into the Dental Practice**
Robert S. Conrad, DDS

10:30 - 11:00am Coffee Break/Table Clinics/Exhibits

11:00 - 11:15am Awards Presentation

11:15am - 12:00pm **Computerized Dentistry: Abutments, Ceramics and Occlusion**
Dean C. Vafiadis, DDS

1:00 - 3:30pm **Prosthodontic Scholars Program Dental Products and New Technology: Making Ethical Choices**
Paul L. Child, Jr., DMD, CDT
Additional Registration Fee Required

Detailed Educational Program/Abstracts

THURSDAY, FEBRUARY 25, 2010

8:30 – 9:00am

ELECTRONIC EDUCATION RESOURCES IN DENTISTRY: BENEFITS, FORMATS, AND APPLICATION

The merging of two synergistic processes is introducing a new era of dental education. The development of electronic education resources, coupled with a focus on the learner and their participation in the process, offers incredible possibilities for enhanced learning. This presentation will identify the benefits of electronic resources, describe and demonstrate interactive, navigable, nonlinear program formats that have been effectively used, and also show recently developed programs that provide a glimpse into future possibilities.



CHARLES J. GOODACRE, DDS, MSD

Dr. Goodacre received his DDS degree from Loma Linda University and MSD degree from Indiana University. He is Dean of Loma Linda University School of Dentistry, President of the Academy of Prosthodontics, Past-President of the

American Board of Prosthodontics, and immediate Past-President of the American College of Prosthodontists.

9:00 – 9:45am

CLINICAL AND TECHNICAL EXPERIENCES WITH TWO DIFFERENT TYPES OF ZIRCONIA BASED FIXED DENTAL PROTHESES

Since CAD/CAM-technology has accessed zirconia frameworks for clinical application, long-term reliability of all-ceramic fixed dental prostheses has significantly improved. However, the incidence of chipping of the veneering material is discussed as a drawback of these restorations. The lecture will present clinical study results and will provide solutions to prevent undesirable interventions.



DANIEL EDELHOFF, DMD, PHD

Daniel Edelhoff is a Tenured Associate Professor at the Department of Prosthodontics and Dental Material Sciences at the Ludwig-Maximilians-University in Munich. He is a board certified

Specialist in Prosthodontics and is

a member of the managing committee of the German Association of Oral Implantology, and the advisory board of the German Society Dental Prosthetics and Material Sciences. He is an Associate Member of the American Academy of Esthetic Dentistry.

This educational forum will comply with appropriate disclosure policies as set forth by the American Dental Association's code of ethics and professional standards. The 2010 APS speakers will verbally disclose any material, financial or other relationships that pose a potential conflict of interest. Such disclosures may also be included in written form within the on-site final program. Speakers will also disclose any unapproved use of products or devices that they will be discussing. Disclosure requirements are not intended to imply any impropriety, but rather to inform the audience that they exist.

All educational presentations will be delivered in a lecture style with Q&A periods.

Program/Abstracts

THURSDAY, FEBRUARY 25, 2010 (CONTINUED)

GRADUATE PROSTHODONTIC PROGRAM

9:45 – 10:45am

This year, the APS has attracted an exciting field of graduate student candidates for the 2010 Research Competition. They will be presenting original work over a wide range of topics. The mission of this program is to provide an annual forum for graduate students to foster high quality research, writing and oral presentation skills. Furthermore, the APS welcomes the opportunity to develop stronger ties to prosthodontic graduate students and cultivate their future leadership in the Society.

This program has again been facilitated by the generous support of

 **CENDRES⁺
MÉTAUX**



9:45 – 10:00am

ZIRCONIA IN REMOVABLE PROSTHODONTICS

Zirconia, as a framework material, is well-established in fixed prosthodontics. However, for its application to removable dentures little experience exists. Zirkonzahn® has developed a copy-milling unit that is a manually operated machine for the manufacture, not only of frameworks, but also for complete, removable dentures. The aim of the presentation is to show the step-by-step clinical and technical fabrication of a zirconia bar on implants and of a corresponding, zirconia, complete denture. The advantages and disadvantages of the system are presented and the problems are critically discussed.



NICO BUEHLER

Dr. Buehler is completing his post-graduate education in Prosthodontics at the Clinic for Reconstructive Dentistry and Temporomandibular disorders, University of Basel, Switzerland.

10:00 – 10:15am

EFFECTS OF HYDROPHILIC MONOMERS ON PHYSICAL PROPERTIES OF GLASS-IONOMER CEMENTS

Little information is available on the effect of hydrophilic monomers, such as N-vinylcaprolactam (NVC), on physical properties of glass-ionomers, especially their surface properties. The main aim of this study has been to assess the effects of NVC monomers on surface properties of GIC such as contact angle and work of adhesion. The effects of NVC molecules on the amount of water sorption and dimensional stability of the experimental samples were also evaluated.



ALIREZA MOSHAVERINIA, DDS, MS

Dr. Alireza Moshaverinia is a first-year Prosthodontics resident at School of Dentistry, University of Southern California. He has graduated from Mashhad Dental School, Mashhad, Iran. Dr.

Moshaverinia has also received his Masters Degree in Dental Materials from The Ohio State University, College of Dentistry.

10:30 – 10:45am

CAUSES OF CHIPPING/FRACTURING IN ZIRCONIA BASED ALL-CERAMIC RESTORATIONS

To determine, in vitro, causes of chipping/fracturing in zirconia based all-ceramic restorations. Theories tested: inadequate porcelain support due to uniform thickness copings, and thermal mismatch between substructure and porcelain. Dies and porcelain burnout shells designed on Solidworks for milling and 3D printing. 90 crowns will be cycled at constant forces and cycles, examined and stair-cased until chipping or fracturing occurs. We anticipate crowns with unsupported porcelain and “fast cooled” crowns to demonstrate early failure.



THOMAS SURANYI, DDS

Thomas Suranyi was born and raised in Montreal, Canada. He completed his Bachelors of Arts at the University of Rochester, NY, with a double major in Chemistry (cum laude)/History (cum laude) and a minor in Biology. In 2007 and 2008

Dr. Suranyi earned both his DDS and AEGD Certificate from Columbia University's College of Dental Medicine, NYC. Currently, he is a 2nd year Prosthodontic resident at the University of North Carolina at Chapel Hill.

10:45 – 11:30am

CARIES MANAGEMENT BY RISK ASSESSMENT – THE CARIES BALANCE

Dental caries is a bacterially based disease that progresses when acid produced by bacterial action on dietary fermentable carbohydrates travels into the tooth and dissolves the carbonated hydroxyapatite mineral. That is demineralization. Pathological factors, including acidogenic bacteria, salivary dysfunction, and dietary carbohydrates are related to caries progression. Protective factors, which include antibacterials, salivary calcium, phosphate and proteins, salivary flow, and fluoride in saliva can balance, prevent or reverse dental caries. This presentation will summarize the science behind the “caries balance” concept, which is the key to caries management by risk assessment in clinical practice prior to prosthodontic treatment. The presentation will describe the tools to implement “caries management by risk assessment” in the dental office.



JOHN D.B. FEATHERSTONE, MSC, PHD

Dr. John Featherstone is the Dean and Professor of Preventive and Restorative Dental Sciences at the University of California, San Francisco (UCSF). He holds a PhD in chemistry from the University of Wellington (New Zealand). His

research over the past 32 years has covered several aspects of cariology (study of tooth decay) including fluoride mechanisms of action, caries risk assessment, de- and remineralization of the teeth, apatite chemistry, salivary dysfunction, caries prevention, and laser effects on dental hard tissues. He has received numerous national and international awards and has published over 200 papers.

11:30am – 12:15pm

ORAL ART AND DESIGN: MATERIAL SELECTION IN ALL-CERAMIC APPLICATIONS

Today's dental patient arrives at our office with an unprecedented motivation for esthetic dentistry. Critical to the success of any esthetic dental treatment is the appropriate selection of the proper restorative material. Selection of the best restorative material not only involves the potential for optimal optical properties, but also an assessment of biologic and functional requirements.



MICHAEL R. SESEMANN, DDS

Dr. Michael Seesemann has been in private practice since graduating from the UNMC College of Dentistry in 1981. He is an Accredited Fellow of the American Academy of Cosmetic Dentistry (AACD) and serves as an examiner for

the AACD's accreditation and fellowship processes. In addition, Dr. Seesemann currently serves the AACD as its 23rd President.

2:15 – 3:00pm

IMPLANT OVERDENTURES: THE TIME HAS COME FOR THIS TECHNOLOGY

It has been shown that mandibular 2-implant overdentures (opposed by conventional maxillary dentures) provide significant improvements over current standard conventional denture therapy. From a public health standpoint, this suggests that efforts should be made to enhance the transfer of this technology so that it becomes the new standard treatment.



JOCELYNE FEINE, DDS, MS

Jocelyne Feine is Professor, McGill University, Faculty of Dentistry, Oral Health and Society Research Unit. She and her team conduct technology assessment investigations as part of their ongoing efforts to improve technology

transfer in oral health. Professor Feine has published books, chapters and articles in peer-reviewed dental and medical journals.

Program/Abstracts

THURSDAY, FEBRUARY 25, 2010 (CONTINUED)

3:00 – 3:45pm

DIGITAL DENTISTRY: BEYOND IMAGINATION

The attainment of perfection in the duplication of natural dentition is the ultimate achievement in contemporary functional-esthetic dentistry. As Dentistry evolves into the digital world, the successful incorporation of computerization and new acquisition and manufacturing technologies will continue to provide more efficient methods of restoration fabrication and communication, while at the same time retaining the individual creativity and artistry of the skilled Dentist and Technician. The utilization of new technology will only enhance the close cooperation and working relationship of the Dentist/Technician team. The evolution from Hand design to Digital design and the application of Diagnostic 3-D previews, along with provisional restorations, and their digital replicas to guide the restorative team in the creation of Cad-Cam restorations will be presented.



LEE CULP, CDT

Mr. Lee Culp is the owner of Evolution Dental and the director of the Institute for Oral Art and Design. He maintains an active teaching schedule at IOAD, and other post graduate teaching centers focusing on reconstructive and aesthetic

dentistry. Lee is an accredited member and is currently working on his fellowship for the American Academy of Cosmetic Dentistry. He is the 2007 recipient of the Kenneth Rudd Award from the American Prosthodontic Society, and he was the recipient of the AACD Presidents Award for Excellence in Dental Education as well as the 2003 recipient of the National Association of Dental Education Award. Lee has also been appointed adjunct professor at University of North Carolina School of Dentistry, graduate prosthetics department.

4:00 – 4:45pm

IMPLANTS AND LASERS – TECHNOLOGY CROSSROADS

With the rapid incorporation of dental lasers into the practice of dentistry, the need for knowledge of these technologies has become necessary for all dentists. This program will provide an overview of the concept of laser technologies and equipment. In particular, the role of diode lasers will be explored with an emphasis on adjunctive use of lasers with dental implant procedures. Clinical examples will be presented to demonstrate the efficacy of laser utilization for a wide range of simple procedures.



THOMAS J. MCGARRY, DDS

Dr. McGarry received his DDS degree in 1975 from UMKC School of Dentistry, his Certificate in Prosthodontics in 1978 from the Veterans Administration Hospital-San Francisco and became a Diplomate of the American Board of

Prosthodontics in 1991. He is a Fellow in the American College of Prosthodontists and has served as President of the College. Dr. McGarry maintains a full-time private practice limited to Prosthodontics and is the Clinical Director for the McGarry Implant Institute whose mission is providing "hands-on" direct patient care training in a continuing education curriculum.

4:45 – 5:30pm

REVIEW OF PREVIOUS IMPLANT SURFACES, CURRENT TECHNOLOGIES AND A LOOK INTO THE FUTURE

During the last fifteen years, implant surfaces have changed considerably. These surfaces are more bioreactive, accelerate the biological events associated with osseointegration, and can be put into function earlier. This presentation will review the science and discuss future innovation and the clinical implications with regards to immediate loading and implant biomechanics.



JOHN BEUMER, DDS, MS

Dr. Beumer received his DDS from the University of California, San Francisco. He completed a residency in Oral Medicine at UCSF (1967-1970), a residency in Prosthodontics at UCLA

(1973-1975) and was awarded a Masters in Oral Biology from UCSF in 1970. He currently is Professor and Chair, Division of Advanced Prosthodontics, Biomaterials and Hospital Dentistry, UCLA and Director of UCLA's Residency in Maxillofacial Prosthetics. His research had focused on the tissue effects of cancerous doses of radiation and the use of osseointegrated implants in restoring oral-facial defects.

FRIDAY, FEBRUARY 26, 2010

8:45 – 9:45am

THE CERAMIC UPDATE

This presentation will introduce current prosthodontic protocols and materials, including CAD/CAM technology, ceramic materials, and cementation procedures. Guidelines for esthetic and functional success with tooth- and implant-supported ceramic restorations ranging from porcelain laminate veneers to complex implant-supported full-mouth rehabilitations will be presented based on the most updated scientific evidence.



MARKUS B. BLATZ, DMD, PHD

Dr. Markus Blatz is Professor of Restorative Dentistry and Chairman, Department of Preventive and Restorative Sciences at University of Pennsylvania School of Dental Medicine, Philadelphia, Pennsylvania. He received his DMD,

Doctorate and Prosthodontics Certificate from Freiburg University, Germany. He received multiple teaching and research awards and has over 150 publications.

11:15am – 12:00pm

COMPUTERIZED DENTISTRY: ABUTMENTS, CERAMICS AND OCCLUSION

Computerized technology has the advantage of reducing clinical chair-time and laboratory costs. The accuracy of these techniques has improved and is comparable to conventional techniques. Technique to fabricate computerized abutments and computerized restorations without a fixture level impression will be discussed. Ceramic materials for in-office fabrication will be shown. Occlusion of implants and teeth will be analyzed.



DEAN C. VAFIADIS, DDS

Dr. Dean Vafiadis received his DDS and Certificate in Prosthodontics from the NYU College of Dentistry. He is a Clinical Associate Professor of Prosthodontics and Director of the Full-Mouth Rehabilitation CE course at NYU. He has published

and lectured for over 17 years. He maintains a private practice limited to Prosthodontics in New York City.

9:45 – 10:30am

INCORPORATING NEW TECHNOLOGY INTO THE DENTAL PRACTICE

This program is presented to suggest techniques, materials and systems that allow technologies like CAD/CAM, Cone beam imaging, indirect viewing and magnification systems and new dental materials (eMax) to be utilized in the dental practice today. In this program we will discuss the use of the CEREC system from a prosthodontist's perspective after 14 years of use and how this technology has evolved and impacted the practice of dentistry. We will look at the improved diagnostic and treatment planning abilities that Cone beam imaging provides the dentist and discuss how to successfully implement these technologies to make for a positive and productive clinical result.



ROBERT S. CONRAD, DDS

Dr. Robert (Bob) Conrad has been involved with high technology-based dentistry since 1990 when he first began practicing in Houston, Texas. After graduating from the University of Texas Dental Branch, Houston in 1987, he completed his general

practice residency at Olen E. Teague Veterans Affairs Hospital Temple, Texas, and then received his specialty training in Prosthodontics at the Veterans Affairs Hospital in Houston, Texas. His private practice has been widely viewed as an example of technology and innovation, and he was one of the first prosthodontists in the United States to utilize CAD/CAM technologies in private practice and was the first prosthodontist to become an ISCD Certified CEREC Trainer in the US.

Program/Abstracts

FRIDAY, FEBRUARY 26, 2010 (CONTINUED)

PROSTHODONTIC SCHOLARS PROGRAM

1:00 - 3:30pm

DENTAL PRODUCTS AND NEW TECHNOLOGY: MAKING ETHICAL CHOICES

Where are we going as a profession? What is our moral and ethical obligation to our patients and how do our choices affect them? What is hot in dentistry, and are new innovations worth the investment? How do you select dental products with so many choices and questionable marketing tactics? This presentation will discuss the following key points:

- 1) Selection of appropriate dental products requires more than just personal endorsements, manufacturer's claims, and consensus on websites.
- 2) New technology and innovations can be cost effective if implemented properly with the right products.
- 3) Consideration of ethical consequences needs to be incorporated into our practices and industry.



PAUL L. CHILD, JR., DMD, CDT

Dr. Paul L. Child, Jr. is a Prosthodontist, Certified Dental Technician, CEO of CR Foundation (formerly CRA), and maintains a private practice in Provo, Utah. Dr. Child lectures nationally on all areas of dentistry, with

an emphasis on new and emerging technologies. He maintains membership in many professional associations and academies.

Open to all APS meeting attendees for additional charge. Registration required.

The American Prosthodontic Foundation is proud to offer the Prosthodontic Scholars Program through a generous, Congressionally-directed educational grant from the U.S. Department of Education. Through this grant, third and fourth year, pre-doctoral dental students from the nation's dental schools with an interest in prosthodontics will take part in the Prosthodontic Scholars Program, as well as the APS 82nd Annual Meeting.

ADA CERP® | Continuing Education Recognition Program

The American Prosthodontic Society is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. APS designates this activity for 2.5 continuing education credits.

In addition, the National Board for Certification in Dental Laboratory Technology approves continuing education credits for attendance at APS scientific meetings for CDT's.

SPEAKER CONFLICT DISCLOSURES

The following speakers have indicated that no potential conflicts of interest exist:

John Beumer, DDS, MS
Nico Buehler
Robert S. Conrad, DDS
Lee Culp, CDT
Daniel Edelhoff, DMD, PhD
Charles J. Goodacre, DDS, MSD
Thomas J. McGarry, DDS
Alireza Moshaverinia, DDS, MS
Michael R. Sesemann, DDS

The following speakers have disclosed relationships which may pose a conflict of interest:

Markus B. Blatz, DMD, PhD
Company: Nobel Biocare, 3M ESPE, Kuraray, Noritake, Heraeus
Kulzer, Straumann, 3shape, Shofu
Relationship: Education/Research/Grant

John D.B. Featherstone, MSc, PhD
Company: 3M ESPE
Product/Service: Caries Preventive Products
Relationship: Education/Research/Grant

Jocelyne Feine, DDS, MS
Company: Straumann, 3M ESPE
Product/Service: Implants
Relationship: Education/Research/Grant

Dean C. Vafiadis, DDS
Company: Biomet 3i, Sirona, Ivoclar Vivadent
Product/Service: Encade, Cerec, Materials
Relationship: Consultant, Speakers Bureau/Lecturer

Thomas Suranyi, DDS
Company: 3M ESPE, Ivoclar Vivadent
Product/Service: Material Support

Special Events

APS BUSINESS MEETING & LUNCHEON

All registered attendees are invited to join the APS officers for the annual business meeting and luncheon. Students may purchase a ticket to join the group for \$25.

Thursday, February 25, 2010

12:15 – 2:15pm

Promenade Ballroom

SPOUSE BREAKFAST

All registered spouses are invited to a special breakfast.

Friday, February 26, 2010

9:00am



CHICAGO 2011
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83rd ANNUAL MEETING OF
THE AMERICAN PROSTHODONTIC SOCIETY

FEBRUARY 24-25, 2011 • SWISSÔTEL • CHICAGO, ILLINOIS USA

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TABLE CLINIC PROGRAM



Exhibits and table clinics will be held in Grand Ballroom C.

Thursday, February 25, 2010

5:00 – 8:00pm

Reception and table clinics in the exhibit hall

Friday, February 26, 2010

7:00 – 11:00am

Continental breakfast, AM coffee break, and table clinics in the exhibit hall

2010 APS EXHIBITORS

- **Astra Tech**
- **Biomet 3i**
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Website: www.sirona.com

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Website: www.thommenmedical.com

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Awards



Golden Medallion Award

Charles J. Goodacre, DDS, MSD

The Golden Medallion Award is issued periodically to individuals whose contributions to prosthodontics have been exceptional. The American

Prosthodontic Society is proud

to present this year's Golden Medallion Award to Dr. Charles Goodacre of Loma Linda, California. This award is made possible by a generous grant from the American Prosthodontic Foundation.

Dr. Goodacre received his DDS degree from Loma Linda University School of Dentistry in 1971. He completed a three-year combined program in Prosthodontics and Dental Materials at Indiana University School of Dentistry and earned his MSD degree in 1974. He began full-time teaching at Indiana University School of Dentistry in 1974 and has three times received awards from senior dental classes as the outstanding clinical instructor or outstanding lecturer. He received the Educator of the Year Award from the American College of Prosthodontists in 2003, the George H. Moulton Award from the American Academy of Fixed Prosthodontics in 2005, the Jerome M. and Dorothy Schweitzer Research Award from the Greater New York Academy of Prosthodontics in 2007, and the William J. Gies Award in 2008 from the American Dental Education Association (ADEA) for Outstanding Innovation as a Dental Educator.

He served as Chairman of the Department of Prosthodontics at Indiana University, and currently is Dean of the Loma Linda University School of Dentistry. He is a Diplomate of the American Board of Prosthodontics, a Past-President of the American Board of Prosthodontics, a Fellow of the Academy of Prosthodontists, a Fellow of the American College of Prosthodontists, and holds membership in the American Academy of Fixed Prosthodontics.

He has served as a Director for the American College of Prosthodontists and is currently the Past-President. He has served on the Executive Council of the Academy of Prosthodontics and is currently President of the Academy.

He co-authored the 4th edition of *Johnston's Modern Practice in Fixed Prosthodontics*, has written textbook chapters on pediatric dentistry and endodontics, and served as an Editor of *The International Journal of Prosthodontics* for 10 years. He has over 100 publications, textbook chapters, and research abstracts and has given more than 300 invited presentations. Recent educational activities have focused on the development of interactive, navigable electronic education programs with particular emphasis on formatting, applications, and effectiveness.

Previous Golden Medallion Winners:

Dr. John W. McLean – 2009

Dr. Howard A. Landesman – 2007

Dr. Peter E. Dawson – 2006



Kenneth D. Rudd Award

Matthew Roberts, CDT

The American Prosthodontic Society, in conjunction with the Editorial Council of *The Journal of Prosthetic Dentistry*, is proud to present the sixth Kenneth D. Rudd Award to Matthew Roberts,

CDT of Idaho Falls, Idaho. This award was created to honor a dental technologist who has made a significant contribution to the advancement of the dentist-dental laboratory technologist team concept, and who has made an impact in the prosthodontic and dental laboratory communities.

Matt Roberts is one of the most recognized dental ceramists in the United States. In 1979 he founded CMR Dental Laboratory, and in 1996 he founded Team Aesthetic Seminars through which he teaches advanced-level laboratory and clinical programs for dentists and ceramists. He is dedicated to the development of an attitude towards excellence in dentistry based upon a team approach with the treating dentist choreographing the involvement and communication between specialists, himself, and the ceramist.

Mr. Roberts is an accredited member of the American Academy of Cosmetic Dentistry and an associate member of the American Academy of Esthetic Dentistry. He lectures nationally and internationally and has worked with many of the leading clinicians in the world. He is on the editorial board of a number of the leading dental and laboratory journals, and he also is a visiting faculty member at the L.D. Pankey Institute where he is involved with the Pankey Esthetic Continuum.

The American Prosthodontic Society wishes to express sincere gratitude to the Editorial Board of *The Journal of Prosthetic Dentistry* for their generous sponsorship of this prestigious award.

Previous Kenneth D. Rudd Award Winners:

Mr. Willi Geller – 2009

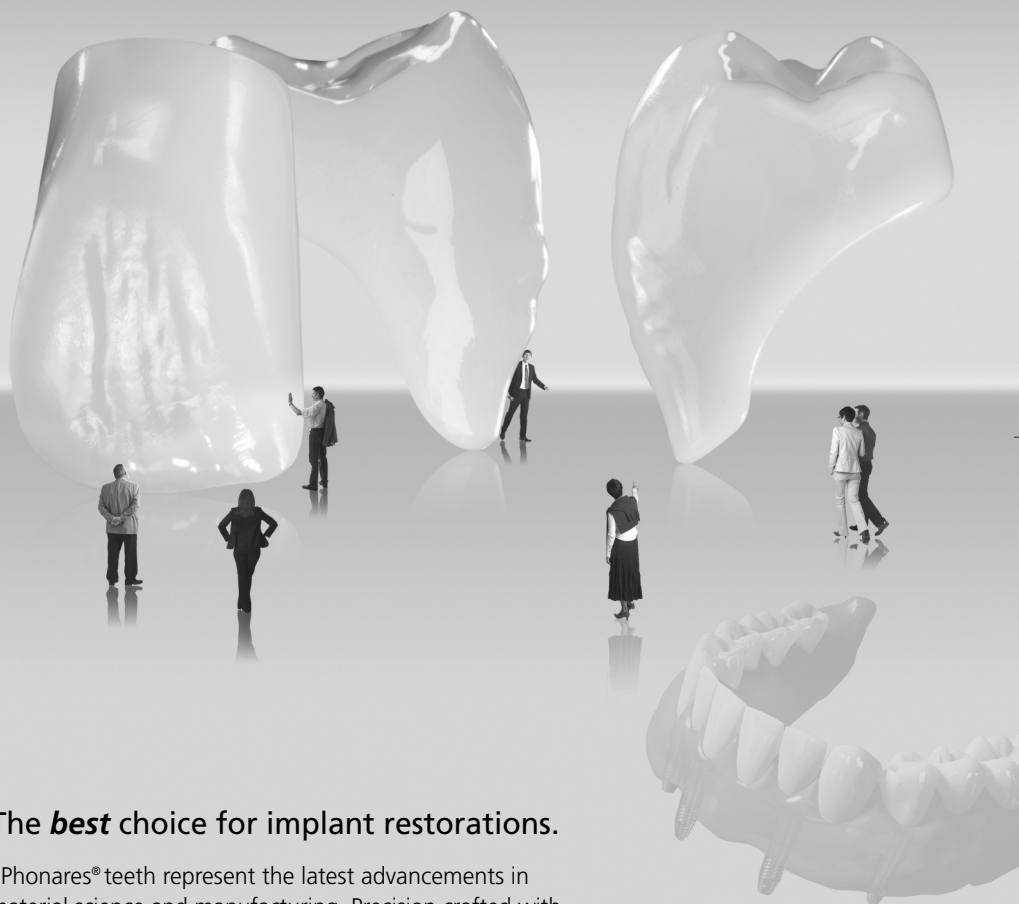
Mr. Roosevelt Davis, MCDT, MS – 2008

Mr. Lee Culp, CDT – 2007

Mr. Robert Berger, CDT – 2006

Mr. Masahiro Kuwata – 2005

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Table Clinic Program

Table clinics will run in conjunction with the commercial exhibits in Grand Ballroom C.

Thursday, February 25

5:30 – 8:00pm

- 1. Shoko Sato, DDS** *Fabrication of Milled Zirconia Screw-Retained Implant-Supported Fixed Maxillary and Mandibular Full Arch Prostheses: Clinical and Laboratory Procedures*
- 2. Yesim Tunkuc, DDS, MS** *Intra and Extracoronary RPD Attachments*
- 3. Jose F. Cortes Botello, DDS** *Prosthetic and Surgical Rehabilitation of Concomitant Hypodontia and Internal Root Resorption*
- 4. Rodolfo-Erick Briseño-Garcia, DDS** *Restoring Pink & White Esthetics with Implant*
- 5. Matilda Dhima, DMD** *What is the Function of PDI? How Well is the PDI Meeting its Role as a Diagnostic Index?*
- 6. Cindy B. Nichols, DMD, MS** *Use of Orbital Conformer to Improve Speech in Patients with Confluent Maxillectomy and Orbital Defects*
- 7. Isabel G. De la Cruz-Fing, DDS** *Implant-supported Hybrid Prostheses: A Modified Technique*
- 8. Aristotelis Marinis, DDS** *Comparison of Partially Stabilized Zirconia Sintered in Conventional and Microwave Ovens*
- 9. Maria Protopapadaki, DDS, MS** *Surgical Guide Stabilized with Provisional Implants*
- 10. Pimrumpai Rochanakit, DDS** *Full-arch Implant-supported Virtually-planned Fixed Prosthesis: Case Report*



Table Clinic Program

11. **Daniel S. Greenbaum, DDS** *An Alternative Option for the Restoration of Mandibular Implants for an Implant Retained Overdenture*
12. **Lida C. Swann, DDS** *Evaluation of Occlusal Accuracy of CAD-CAM Fabricated Restorations*
13. **Richard C. Cardoso, DDS** *Currently Selected Implants and Restorations by Prosthodontists*
14. **Viviana Alina Venus Sánchez Sandoval, DDS** *CAD-CAM Fixed Implant-supported Hybrid Prosthesis: Clinical Case*
15. **Alvise Cenzi, DDS** *Management of Hopeless Teeth in the Esthetic Zone: Surgical and Prosthetic Considerations*
16. **Nicole Mackie, DDS** *Evaluation of 3 Methods for Restoring Fractured Vital Molars Prior to Zirconium Crown Restorations*
17. **Yash T. Kapadia, BDS** *Lingual Retrieval Slots: Clinical Implications for Cement Retained Implant Crowns*

Friday, February 26

7:30 – 8:45am and 10:30 – 11:00am

18. **Edda R. Morales, DDS** *Multidisciplinary Treatment Plan For Dental Implants in the Aesthetic Zone*
19. **Lourdes M. Escobar, DDS** *Malocclusions and Complete Dentures*
20. **Tamer Abdel-Azim, DDS** *The Use of CT-Guided Implant Surgery In Conjunction with Onlay Bone Grafting for Prosthetic Rehabilitation of the Maxillary Esthetic Zone*
21. **Tonino S. Ciocca, DDS** *Treatment Sequencing Facilitated*
22. **Terry Y. Lin, DDS, MS** *In Vitro Gene Expression of Fibroblasts and Preosteoblasts on Collagen Membranes*
23. **Mohammad K. Fahmi, BDS** *Thermal Shock of Porcelain Veneered Zirconia with Various Surface Treatments*
24. **Aura L. Mora** *Use of Air Abrasion for Porcelain Veneers without Preparation*
25. **Alexander Deak, DDS** *Diagnostic Value of a Radiographic Stent*
26. **Michel E. Raad, DDS** *Effect of Formula, Pressing Technique, and Location within the Block on Mechanical Properties of Dental Zirconia*
27. **Renzo Chiappe** *Step by Step Process of Full Dentures*
28. **Maria Protopapadiki, DDS, MS** *Fracture Resistance of Pressable Ceramic Fused to Metal Custom Implant Abutment*
29. **Trilce M. Virgilio, DDS** *Surgical Preservation and Prosthetic Conformation of Soft Tissue in the Esthetic Zone*
30. **Bongkok Kim, DMD** *The Effect of Cement Thickness in Veneering Porcelain Fracture*
31. **Harshit Aggarwal, BDS, MSD** *Quantification of Mandibular Flexion: A Pilot Study*
32. **Joel Khoo, BDS** *An Esthetic Acrylic Occlusal Overlay to Assess Vertical Dimension: A Case Report*
33. **Charalambos Georgiou, DDS** *Fixed-Removable Combination Prosthesis: A Solution for Confounding Implant Placement*

Past Presidents

Ralph L. Christy 1930*
J.C. McDowell 1931*
Field Farrar 1932*
H.V. Cottrell 1933*
E. Leslie Eames 1934*
Clyde H. Schuyler 1935*
G.E. Tilton 1936*
J. Ben Herring 1937*
Homer Simpson 1938*
Bert Hooper 1939*
Luzerne Jordan 1940*
Merrill Swenson 1941*
L. Langdon Sheffield 1942-46*
Louis S. Block 1946-48*
Wilfred H. Terrell 1949*
John W. Geller 1950*
Harold L. Harris 1951*
John R. Wallace 1952*
Chester Perry 1953*
Victor L. Steffel 1954*
Cecil H. Bliss 1955*
Samuel S. Cohen 1956*
Arthur L. Roberts 1957*
Fred N. Harris 1958*
Carl T. Ostrem 1959*
Lindsey D. Pankey 1960*
Lamar Harris 1961*
Homer C. Vaughan 1962*
Alfred E. Smith 1963*
Gus J. Perdigon 1964*
Frank A. Farrell 1965*
Leon W. Berger 1966*
Frank J. Losey 1967*
Walter S. Warpeha 1968*
Ira E. Klein 1969*
E.C. Kelley Geiger 1970*
Robert B. Underwood 1971
Judson C. Hickey 1972*

Arthur E. Aull 1973*
Philip M. Jones 1974*
James V. Giordano 1975*
Dayton D. Krajicek 1976*
Edward J. Fredrickson 1977*
Daniel H. Gehl 1978*
Harold R. Ortman 1979
Charles J. Ray 1980*
Howard J. Harvey 1981*
James B. Lepley 1982*
Robert H. Sprigg 1983
William H. Pruden II 1984*
Robert W. Shippee 1985
William H. McClure 1986*
Charles S. Paraskis 1987*
Dewey H. Bell, Jr. 1988
Edward J. Kozak 1989*
Malcolm E. Boone 1990
A. Albert Yurkstas 1991*
William R. Harkins 1992*
William A. Jennings 1993
Alan C. Keyes 1994
Kenneth D. Rudd 1995
George E. Smutko 1996
Charles C. Swoope 1997*
Douglas C. Wendt 1998
Karl J. Foose 1999
Ronald H. Jarvis 2000
Gerald N. Graser 2001
Joseph E. Grasso 2002
Robert L. Schneider 2003
John D. Jones 2004
Gary R. Goldstein 2005
Dennis J. Stiles 2006
Harold W. Preiskel 2007
Lee M. Jameson 2008
Baldwin W. Marchack 2009

* Deceased



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