

# 11

Πανελλήνιο Ορθοδοντικό Συνέδριο  
Panhellenic Orthodontic Congress

## Πού οδεύει η Ορθοδοντική στον 21ο αιώνα; Quo Vadis in Orthodontics?



24/9/2010  
ΠΡΟΣΥΝΕΔΡΙΑΚΟ ΣΕΜΙΝΑΡΙΟ • PRE - CONGRESS SEMINAR  
Dr. Jason Cope

26/9/2010  
ΜΕΤΑΣΥΝΕΔΡΙΑΚΟ ΣΕΜΙΝΑΡΙΟ  
POST - CONGRESS SEMINAR  
Dr. Giuliano Maino

Αθήνα  
**Hilton**  
Athens - Greece

24 - 26  
Σεπτεμβρίου / September  
**2010**



ΕΤΑΙΡΕΙΑ ΟΡΘΟΔΟΝΤΙΚΗΣ & ΓΝΑΘΟΠΡΟΣΩΠΙΚΗΣ ΜΕΛΕΤΗΣ & ΕΡΕΥΝΑΣ  
GREEK ASSOCIATION FOR ORTHODONTIC STUDY & RESEARCH

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ΜΕ ΤΗ ΣΥΝΕΡΓΑΣΙΑ ΤΗΣ ΟΡΘΟΔΟΝΤΙΚΗΣ ΕΤΑΙΡΕΙΑΣ ΚΥΠΡΟΥ  
WITH THE COLLABORATION OF THE CYPRUS ORTHODONTIC SOCIETY



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FOR ORTHODONTIC  
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Athens 2010

# 11<sup>th</sup> PANHELLENIC ORTHODONTIC CONGRESS

Athens, 24 - 26<sup>th</sup> September 2010

## MESSAGE OF THE PRESIDENT



Dear Colleagues,

It is our pleasure to invite you to the 11th Panhellenic Orthodontic Congress (P.O.C.) which will be held with the collaboration of the Cyprus Orthodontic Society, in Athens in September of 2010.

Since 1990, the Panhellenic Orthodontic Congress has taken place every two years and with its consistent quality, it has confirmed the dynamic presence of our association in the national and international orthodontic community.

During the past several years, new developments and products, driven by research findings as well as modern demands and necessities, have been implemented in the daily orthodontic practice. New advances, however, are bound to bring about new questions along perhaps with some scepticism regarding the future direction of orthodontics, thus demanding a redefinition of the specialty's direction.

The aforementioned thoughts have inspired the organizing committee to put together a program with distinguished speakers that will address some of the most recent developments and help reconcile controversies and guide clinicians under the light of new evidence.

The pre-congress seminar titled "A Systematic Synergistic Approach to Orthodontic Mechanics" will be given by Dr. Jason Cope, on September 24<sup>th</sup>, and the post-congress seminar titled "The Role of Miniscrews in Contemporary Orthodontic Treatment" will be presented by Dr. Giuliano Maino. As always, specific times have been allocated for oral and poster presentations.

An exhibition of a wide range of orthodontic products will run concurrently and for the entire duration of the Congress next to the meeting halls.

The centrally located Athens Hilton Hotel with its excellent services and support will be the host venue of the Congress.

We are looking forward to welcoming you in September 2010 in Athens to share knowledge and friendship.

Kind Regards,  
Dr. Vasileios Mylonas  
President of the 11<sup>th</sup> P.O.C.

# PROGRAMME AT A GLANCE

## PRE-CONGRESS SEMINAR

Friday, September 24<sup>th</sup> 2010

08.30 - 09.00 Registrations  
09.00 - 16.30 **Assoc. Prof. Jason Cope**  
A systematic synergistic approach to orthodontic mechanics

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## CONGRESS

**Saturday, September 25<sup>th</sup> 2010**  
08.30 - 09.00 Registrations

### Session 1

09.00 - 09.45 **Assoc. Prof. Jason Cope**  
A systematic synergistic approach to orthodontic mechanics

09.45 - 10.30 **Assoc. Prof. Riitta Suuronen**  
Tissue Engineering-latest advances in maxillofacial surgery. Part I

10.30 - 11.15 **Prof. Riitta Suuronen**  
Tissue Engineering-latest advances in maxillofacial surgery. Part II

11.15 - 11.45 **Dedicated time to exhibit hall - Coffee break - G.A.O.S.R.'s Business Meeting**

### Session 2

11.45 - 12.30 **Prof. James Hartsfield**  
Genetic factors in root resorption associated with orthodontia

12.30 - 13.30 **Opening Ceremony**

13.30 - 14.00 **President's Reception - Dedicated time to exhibit hall**

### Session 3

14.00 - 14.45 **Prof. David Carlson**  
Evolution of concepts and theories of craniofacial growth

14.45 - 15.30 **Prof. David Turpin**  
An overview of clinically oriented systematic reviews received for publication in the AJO-DO

15.30 - 15.40 Free Oral Presentation

15.40 - 16.15 **Dedicated time to exhibit hall - Coffee break**

### Session 4

16.15 - 16.45 **Dr. Derek Mahony**  
Self ligating brackets - What is the evidence?

16.45 - 17.30 **Prof. David Turpin**  
What do you do when high-level evidence is lacking?

17.30 - Discussion

21.00 - **Gala dinner**

**Sunday, September 26<sup>th</sup> 2010**

08.30 - 09.00 Registrations

### Session 5

09.00 - 09.45 **Dr. Derek Mahony**  
The esthetics of the smile

09.45 - 10.30 **Prof. David Carlson**  
Treatment of dentofacial deformities in the epigenomic era

10.30 - 11.30 **Prof. Giuliano Maino**  
New frontiers in open bite treatment with skeletal anchorage

11.30 - 12.00 **Dedicated time to exhibit hall - Coffee break**

### Session 6

12.00 - 12.20 Free Oral Presentations

12.20 - 13.05 **Prof. James Hartsfield**  
The link between hypodontia and cancer

13.05 - 13.55 Free Oral Presentations or Poster Presentations

13.55 - **Congress Closing - Conclusions**

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## POST-CONGRESS SEMINAR

Sunday, September 26<sup>th</sup> 2010

14.00- 17.30 **Prof. Giuliano Maino**  
The role of miniscrews in contemporary orthodontic treatment

## ΠΡΟΣΚΕΚΛΗΜΕΝΟΙ ΟΜΙΛΗΤΕΣ

### PRE-CONGRESS SEMINAR

September 24<sup>th</sup> 2010

**Associate Professor Jason Cope**, Dallas, Texas, U.S.A.



Dr. Jason B. Cope received his dental training at Baylor College of Dentistry - DDS ('95), orthodontic certificate ('97) and PhD ('99) in bone biology. He is currently on faculty of the Orthodontic Departments of Baylor College of

Dentistry and St. Louis University.

Dr. Cope has published 22 refereed journal articles, 36 book chapters, a research handbook and co-edited a 600-page textbook on distraction osteogenesis. In addition, he has given over 150 lectures nationally and internationally. Dr. Cope is an ad hoc reviewer for the American Journal of Orthodontics, the World Journal of Orthodontics, The Angle Orthodontist, the Journal of Clinical Orthodontics, the Journal of Oral and Maxillofacial Surgery and was the guest editor for the March 2005 issue of Seminars In Orthodontics on OrthoTADs. He has recently published his second textbook OrthoTADs "The Clinical Guide and Atlas". Dr. Cope's private practice is located in Dallas, Texas, where he treats patients 3 days a week. In the span of one month in March 2002, he presented cases to the Texas Tweed Group, the Southwest Component of the Edward H. Angle Society and the American Board of Orthodontics, passing all three exams and becoming board certified. He is also a full member of the SW component of the Edward H. Angle Society of Orthodontists. In September 2007, he was awarded fellowship in the American College of Dentists.

#### *A Systematic Synergistic Approach To Orthodontic Mechanics*

Self-ligating appliances offer faster archwire changes, shorter appointments and streamlined treatment. Class II appliances provide simple and reliable Class II corrections. TADs overcome anchorage limitations. But how are these integrated into a systematic approach? This lecture will introduce a systematic approach for incorporating these elements into orthodontic practice.

### CONGRESS

September 25-26<sup>th</sup> 2010

**Associate Professor Jason Cope**, Dallas, Texas, U.S.A.



#### *A Systematic Synergistic Approach To Orthodontic Mechanics*

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Class II corrections. TADs overcome anchorage limitations. But how are these integrated into a systematic approach? This lecture will introduce a systematic approach for incorporating these elements into orthodontic practice.

#### **Adjunct Professor Riitta Suuronen**, Tampere University & University of Helsinki, FINLAND



Dr Riitta Suuronen is Professor in Tissue Engineering and Director of REGEA - Institute for Regenerative Medicine at University of Tampere. She is also chief surgeon in the Department of Eye, Ear and Oral Diseases at Tampere

University Hospital.

She is Associate Editor-In-Chief (Research section) in the International Journal of Oral and Maxillofacial Surgery.

Additionally, she serves as assistant professor in Medical Biomaterials at Tampere University of Technology and as assistant professor in Oral and Maxillofacial Surgery at the University of Helsinki.

She has published over 100 research papers, in the field of medical biomaterials, tissue engineering and oral & maxillofacial surgery. She has created several patents and patent applications. She has received many honours and prizes including The Apollonia Award 2007 and Arje Scheinin Medal 2007. Finally, she has been the recipient of over 6.000.000 € of research grants during the past 5 years.

#### *Tissue engineering - latest advances in maxillofacial surgery. Part I & Part II*

Tissue Engineering is considered to be the third treatment modality, complementing current medical and surgical treatments. Biomaterials, as well as Stem Cells (SC), both embryonic and adult tissue derived, play a critical role in this field of research and therefore a multidisciplinary approach is extremely beneficial for successful outcome.

To make possible, the future therapeutic applications of SC, there are several important issues that need to

be addressed. To avoid zoonosis, several laboratories have started to avoid animal-derived materials on cell cultures and they use protocols according to the spirit of Good Manufacturing Practice (GMP), which is required by EU legislation.

In this presentation, current use of tissue engineered "spare parts" as well as future perspectives of tissue engineering are being elaborated, especially from European and Finnish perspectives emphasizing those treatment options currently under extensive research in our unit, Regea - Institute for Regenerative Medicine. The recent advances in Craniomaxillofacial area are also elaborated.

### **Adjunct Professor James Hartsfield, Kentucky University, U.S.A.**



Dr. Hartsfield is Professor and E. Preston Hicks Endowed Chair in Orthodontics and Oral Health Research at the University of Kentucky College of Dentistry, adjunct Professor of Orthodontics and Oral Facial Genetics and Medical and Molecular Genetics at Indiana University. He is a Diplomate of the American Board of Orthodontics and the American Board of Medical Genetics. Dr. Hartsfield is a Fellow in the College of Diplomates of the American Board of Orthodontics, the American College of Medical Genetics, the American College of Dentists and the International College of Dentists. He is also a member of the E.H. Angle Society of Orthodontists and the World Federation of Orthodontists. Dr. Hartsfield is also in the private practice of orthodontics in Lexington, U.S.A.

### ***Genetic Factors in Root Resorption Associated with Orthodontia***

Biological pathways interact with physical strain placed on the tooth root to produce external apical root resorption in some but not all orthodontic patients. An overview of these pathways and the genetic factors that influence them in clinical studies will be reviewed.

### ***The Link between Hypodontia and Cancer***

Recent research has demonstrated that some individuals with hypodontia are more likely to have colon or ovarian cancer than those without hypodontia. The biological, clinical and public health implications of this association will be presented.

### **Professor David Carlson, Texas A&M Health Science Center, U.S.A.**



Dr. David S. Carlson received his doctoral degree in biological anthropology from the University of Massachusetts (1974) and completed postdoctoral training in craniofacial anomalies at The University of Michigan. He then joined the faculty of The University of Michigan (1978) where he became professor in the Department of Anatomy & Cell Biology (School of Medicine), professor in the Department of Orthodontics & Pediatric Dentistry (School of Dentistry) and research scientist in the Center for Human Growth and Development.

Dr. Carlson moved to Baylor College of Dentistry, Texas A&M University System Health Science Center, in 1993 as chairman of the Department of Biomedical Sciences and the first Robert E. Gaylord Endowed Professor of Craniofacial Biology. In 1999, he took on the added role of Associate Dean for Research and Advanced Education. In 2002, he received the Regent's Professor Award from the Texas A&M University System and became Vice President for Research and Graduate Studies of the Texas A&M University System Health Science Center in 2003.

Dr. Carlson has served on several regular and special study sections for the National Institutes of Health and been principal investigator on 16 NIH grants, including three NIH Training Grants (T32) and co-investigator on numerous others.

Dr. Carlson's research on the development, growth and adaptation of the craniofacial complex and dentofacial deformities has resulted in over 100 papers in scientific journals and chapters. He has edited 13 books bridging basic biology and clinical treatment for craniofacial deformities for The University of Michigan Craniofacial Growth Series.

### ***Evolution of concepts and theories of craniofacial growth***

Contemporary concepts of craniofacial growth provide the basis for the treatment philosophies that have characterized the field of orthodontics over the past century or more. Therefore, appropriate understanding of the principles of craniofacial growth and of the factors that influence this process is essential for the development of approaches for the treatment of dentofacial deformities. This lecture will review the major concepts of craniofacial growth, beginning with ideas of the heredity basis of craniofacial form from as early as the 4<sup>th</sup> Century BC in Greece that provided the foundation for scientific views of development and formed the basis of the two principle paradigms that have characterized craniofacial biology and orthodontics. Emphasis will be placed on the evidence that was used to support

and refute the formal theories of craniofacial growth from the beginning of modern orthodontics in the first half of the 20<sup>th</sup> Century through the present time and on the relationship between these theories and orthodontic treatment approaches.

### *Treatment of craniofacial deformities in the epigenomic era*

Orthodontics throughout the 20<sup>th</sup> century has been characterized by philosophical and scientific debate between two competing paradigms related to craniofacial growth and orthodontic treatment. The historically earlier Genomic Paradigm emphasized the primary role of heredity in the determination of craniofacial growth and form. The Functional Paradigm focused on the role of functional factors that affect normal and abnormal craniofacial development and growth. Much of the reason behind this apparent dichotomy was due to limitations with respect to the methods available to study gene action and regulation, especially in a complex animal system. However, advances in understanding of the genomic basis of the development and growth of the craniofacial complex in animal models and in human subjects with genetic syndromes are now providing an ever-improving basis for development of treatment strategies that incorporate genomic information into a functional genomic approach for orthodontic patients. This lecture will focus on current understanding of two craniofacial elements-sutures and the mandibular condyle-as models to illustrate the promise of the post-genomic or epigenomic era in the diagnosis and treatment of craniofacial deformities.

### **Affiliate Professor David Turpin, University of Washington, U.S.A.**



Dr. Turpin is a graduate of the University of Washington's orthodontic program and maintained a private practice in Auburn, Washington, for 38 years. During that time he served as a clinical instructor at the University and is now an affiliate professor. He also served as editor of the PCSO Bulletin for 10 years, the Angle Orthodontist for 11 years and is currently the Editor-in-Chief of the AJO-DO. As Editor-in-Chief for the A.A.O., Dr. Turpin has been an active member of the Board of Trustees for the past 10 years. He has recently been elected to the Executive Council of the W.F.O.

### *An overview of clinically oriented systematic reviews received for publication in the AJO-DO*

Dr. Turpin will discuss 2-3 topics of clinical interest to the practicing orthodontist, but may not yet have sufficient evidence to justify the completion of a

systematic review. In each case the evidence-based practice may choose to manage decision making in a different way. Each system or technique has its strengths and weaknesses. This presentation will review studies of appliances with varying esthetic appeal, then emphasize the value of combining a variety of systems or techniques to reach the desired results.

### *What do you do when high-level evidence is lacking?*

Dr. Turpin will critique a variety of clinical topics as submitted for publication by discussing why they were accepted as high-level studies or why they were rejected as not meeting the rigid demands of a systematic review or meta-analysis. Focus will be on how the clinician makes clinical decisions when the evidence fails to provide the answers.

Learning objectives:

- Attendees will become familiar with the types of clinical topics for which high-level evidence exists.
- Attendees will develop a better understanding of what is involved in the design of an acceptable systematic review and why most fail to measure up.
- Attendees will feel more confident in making difficult clinical decisions.

### **Dr. Derek Mahony, Randwick, AUSTRALIA**



Dr. Mahony completed his Dental Degree at the University of Sydney, his Masters Degree in Orthodontics at the Eastman Dental Hospital, Institute of Dental Surgery, in London and his Diploma in Orthodontics at the Royal College of Surgeons, in Edinburgh. After successful examinations, Dr. Mahony is recognized as a qualified orthodontist from the Royal College of Dentists in Canada, from the Royal College of Physicians and Surgeons in Glasgow and from the Royal College of Surgeons, in England.

Dr. Mahony has spoken to thousands of practitioners about the benefits of interceptive orthodontic treatment. Early in his career, he learned from leading clinicians the dramatic effect functional appliance therapy can afford patients in orthodontic treatment. He has been combining the fixed and functional appliance approach ever since. His lectures are based on the positive impact such a combined treatment approach has had on his orthodontic results and the benefits this philosophy provides from a practice management viewpoint.

He has been a key note speaker at the International Orthodontic Summit meetings, the International Association of Orthodontics meetings and the American Association of Functional Orthodontics meetings. He is considered by some to be the "next

leading lecturer on functional/fixed orthodontics." Dr. Mahony will provide a stimulating presentation for clinicians wishing to advance their treatment results via a simplistic step by step approach. Dr. Mahony approaches his orthodontic diagnosis from a "facial profile" point of view. He sets his treatment goals to create not just straight teeth, but beautiful faces and healthy temporomandibular joints.

Dr. Mahony is a contributing editor to the Journal of Clinical Paediatric Dentistry, International Orthodontic Journal and Spanish Journal of Dentofacial Orthopaedics.

### *Self ligating Brackets - What is the Evidence?*

Today's clinician faces a daunting array of orthodontic appliance choices. Inevitably, these devices are accompanied by an array of spectacular clinical claims. Modern self-ligating appliance systems promise fantastic results in less time with fewer office visits.

Compared to what we've been using, many of us wonder how and why self-ligating appliances can possibly be that much better. And, we wonder, are the claims too good to be true?

For this seminar our attention will turn to a detailed and objective look at the major self-ligating appliance systems:

- If friction is that big of an influence, then why has my current appliance system worked reasonably well?
- Why should I even consider self-ligating systems?
- What is "active, passive and variable self-ligation"?
- Do self-ligating appliances actually generate more perfect tooth moving forces and are the results more stable?
- Are the physics of tooth movement the same or are they different with self ligating appliances?
- Will my rate of bicuspid extractions decrease, increase, or stay the same?
- How will use of a self-ligating appliance system alter my overall diagnosis and treatment plan?
- Are the finishing details the same?
- What are the strong and weak points of the major self-ligating systems?

### *The Esthetics of the Smile*

Dr. Derek Mahony will discuss new concepts in orthodontic diagnosis and treatment planning. These stress the importance of incisor positioning to create a more aesthetic smile. He will review the smile arc in which the maxillary incisal edge curvature is parallel to the curvature of the lower lip. The lecture will present the modern concept of the smile arc and how it relates to orthodontics, from the recognition of its importance, to the impact of orthodontic treatment planning and how bio-mechanics are adapted to

optimise the appearance of the smile.

Dental aesthetics has become a popular topic amongst all disciplines in Dentistry. When a make-over is planned, to improve the aesthetic appearance of a patient's teeth, the clinician must have a logical diagnostic approach that results in the appropriate treatment plan. With some patients restorative treatment cannot accomplish the correction alone, but requires the assistance of other dental disciplines. Conversely, in many situations the Orthodontist cannot accomplish the correction alone and needs the expertise of his general dental/periodontal colleagues.

### **Professor Giuliano Maino, Parma University, Ferrara University & Insubria University, ITALY**



Dr. Maino is a graduate in Medicine and Dentistry, a post graduate in Orthodontics at Cagliari University and has received his clinical training in Orthodontics at Boston University. His private practice in Orthodontics is

located in Vicenza, Italy.

He is visiting Professor of Orthodontics at Parma University, Ferrara University and Insubria University. He has given lectures in orthodontics in Italy, Europe and USA and he is author and co-author of 3 books and more than 80 scientific papers.

He is also full active member of the Angle Society of Europe, of the Italian Society of Periodontology (S.I.d.P.) and International Member of the American Association of Orthodontics. He is Elected President of Italian Academy of Orthodontists and member of European Orthodontic Society. He has served as past President of Italian Society of Bidimensional Technique (S.I.Te.Bi.) and past President of A.S.I.O. (Italian Association of Specialists in Orthodontics). He is Certified of Excellence in Orthodontics I.B.O. (Italian Board of Orthodontics) and E.B.O. (European Board of Orthodontics).

### *New frontiers in Open Bite treatment with Skeletal Anchorage*

Open bite dento-skeletal cases are very difficult clinical situations to correct. They usually require great patient compliance, good orthodontic skill and a correct management along all the treatment time. One of the most critical factors is the capability to control the molars vertical position by means of intruding forces. Many systems had been suggested to be used in order to be successful, among these, high-pull headgear applied on the molars or combined with activators are the most popular one. They require great cooperation to be effective.

The possibility to use skeletal anchorage allows

applying continuous orthodontic forces avoiding patient cooperation, increasing the effectiveness of treatment with most predictable orthodontic outcomes.

Mini-screws are easy to be placed with very atraumatic procedure and can be inserted in many narrow bone areas.

These characteristics make the miniscrews an effective system to solve this type of malocclusion with predictable result.

This presentation will show different sites where miniscrews can be placed to obtain an optimal control of the vertical position of molars according to the clinical conditions, bone availability and orthodontic biomechanics selected.

Some cases will be presented to teach the most appropriate orthodontic mechanotherapy for every single situation and to go over the clinical details that are important for the success of treatment.

## **POST-CONGRESS SEMINAR**

**September 26<sup>th</sup> 2010**

**Professor Giuliano Maino, Parma University, Ferrara University & Insubria University, ITALY**



Dr. Maino is a graduate in Medicine and Dentistry, a post graduate in Orthodontics at Cagliari University and has received his clinical training in Orthodontics at Boston University. His private practice in Orthodontics is

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### *The role of miniscrews in contemporary orthodontic treatment*

When patient cooperation is not available or is missing the possibility to use skeletal anchorage in form of miniscrew permits the orthodontist to perform

the entire Orthodontic Treatment without patient compliance and still obtaining optimum end results.

This course will present how is possible to combine the use of miniscrew to any type of Edgewise Technique with a simple and logical protocol.

A new system (MGBM System) will be presented to treat class II extraction and non extraction cases by which orthodontic treatment, including upper molar distalization, can be done avoiding the use of extraoral traction and/ or class II elastics.

Furthermore participants will learn how to use miniscrews to treat hyperdivergent and open bite cases.

It will be shown also how, with the use of skeletal anchorage in form of miniscrews, asymmetric cases, cant of occlusal plane and difficult cases can be corrected with predictability expanding the frontiers of orthodontic treatment.

Videos will be used to show how to insert and to use free drill miniscrews in different clinical situations.

Finally this course will teach how to manage complications and failures.

# GUIDELINES FOR PRESENTERS

## Instructions for Oral presenters

Presentations should be in English and should last a maximum of 10 minutes. The session chair people have been instructed to stop the presentation if it runs over 10 minutes. Two minutes has been allocated for discussion. All speakers must report to the Congress Hall at the break immediately prior to the start of the session in which they are presenting. This will enable us to load the presentation onto the session disc. Apple computers will not be available. Only single protection using Microsoft PowerPoint will be available. Slide and overhead projectors are not available.

Fifteen minutes before the start of their session, all speakers are encouraged to be present in the auditorium below the lectern and to introduce themselves to the session chair people. This will allow the session chair people to give a proper introduction to the audience and for the speaker to familiarize themselves with the audiovisual equipment.

**File Formats:** Use PowerPoint presentation made in a resolution of no less than of 1024x768 pixels. Use standard Windows fonts only. Accepted picture file formats are .jpg & .tiff. Accepted audio/video formats are mpeg4 standard resolutions, QuickTime, Real player. If the presentation contains audio, video or non-standard files these files should be given to the projection technician together with the PowerPoint file as PowerPoint does not embed them into the presentation. Please save the PowerPoint presentation on your storage medium with your name and date / time of presentation.

## Instructions for Poster Presenters

Posters should be constructed to a maximum size of 97 cm (width) and 180 cm (height). To enable delegates to read easily the information, the lettering should be a minimum of 1 cm high. Posters should be on display throughout the conference from 9.00 hours on Saturday, 25th of September to 13.00 hours on Sunday, 26th of September. Poster set-up time is on Saturday 25th September from 8.00 to 9.00 hours when the organizing committee will be available to provide you with material with which to attach your poster to its board.



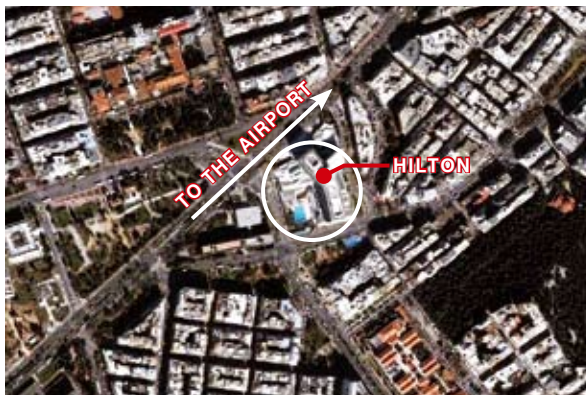
*Post-Congress Seminar's room*



*Pre-Congress Seminar's room*



*Auditorium*



# CONGRESS INFORMATION

## Congress Venue

The 11<sup>th</sup> P.O.C. will take place in Hesperides Hall in Athens Hilton hotel, tel: +30 210 7281000, fax: +30 210 7281111, email: info.athens@hilton.com

The Pre-Congress Course will take place in Galaxy Hall in Athens Hilton hotel (roof garden level).

The Post-Congress Course will take place in Santorini Hall in Athens Hilton hotel (Ground floor).

## Congress Dates

Pre-Congress seminar: Friday, September 24<sup>th</sup> 2010

Congress: Saturday, 25<sup>th</sup> and Sunday, September 26<sup>th</sup> 2010

Post-Congress seminar: Sunday, September 26<sup>th</sup> 2010

## Congress Secretariat

All inquiries regarding hotel accommodation, tourist services and flight information should be addressed to the Congress Secretariat: C.T.M. International S.A., 5, Apollonos str., 105 57 Athens, Greece, Mrs Georgia Kateriniou, tel.: +30 210 3244932, fax: +30 210 3250660, e-mail: gkateriniou@ctmi.gr. During the congress, the secretariat will be at the lobby area of Esperides Hall.

## Congress Language

Greek and English are the official languages of the congress. There will be simultaneous translation (ID-Card or passport are available for the use of translation transmitters).

## Book of Abstracts

The book of abstracts containing all abstracts of free topic oral presentations and posters is contained in this issue of the congress program.

## Poster Exhibition

The preparation of the posters can be done on Saturday, September 25<sup>th</sup> from 8:00 to 9:00am. They will be on display for the entire duration of the congress. (Authors are requested to stand aside their posters on Sunday, September 26<sup>th</sup>, during the 6<sup>th</sup> Session from 12:00 to 12.20 in order to give a three-minute presentation of their data to congress participants via video, if they wish so.)

## Audiovisual Equipment

The Congress Hall is equipped with data video projector and screens. A reception desk for acceptance and checking of diskettes and CDs will be located nearby the Secretariat. All diskettes and CDs should be clearly labelled with the author and session's name and the number of the presentation. Speakers are kindly requested to hand out their material and test the projection during the coffee break prior to their respective presentation.

## Congress Material

Participants who have attended the 11<sup>th</sup> P.O.C. will receive a congress bag with all congress material such as the congress badge which must be worn during the congress in order to enter the congress venue and exhibition.

## Exhibition

During the congress on September 25<sup>th</sup> and 26<sup>th</sup> 2010 an exhibition of dental and orthodontic products will take place in the lobby of the Congress Hall.

## Cellular Telephones

The 11<sup>th</sup> P.O.C. lectures can be disrupted with personal communication devices as a courtesy to your fellow professionals. Cellular phone should be switched off or be on silent mode during the lectures. In case of emergency, phone calls should be done outside the lecture hall.

## Letter of Invitation

Persons requiring an invitation letter in order to attend the congress may write to the congress secretariat. This letter will be helpful for participants who require a visa in order to attend the Congress and should not be considered as an official invitation covering fees or other expenses.

## Photography and Recording

Photographing or recording of oral and poster presentations is not allowed. A professional photographer will document the main congress events and the photographs will be available for purchase after the congress from the organizing committee.

## Name Badges and Entry Tickets

Participants and accompanying persons are obliged to wear the official congress name badges at all congress events. An additional fee will be charged for reproduction of lost name badges. Entry tickets to social events should be shown upon entrance to each event.

## Non-smoking Policy

Smoking is prohibited in the congress and exhibition areas. Smoking is also prohibited indoors in public buildings and other places open to the public, except in designated smoking areas.

## Certificate of Attendance

All participants receive a certificate of attendance in the congress bag based on the number for the congress and seminars.

## Liability and Insurance

By registering for the congress and/or by participating in the exhibition joined to the congress, participants and exhibitors agree that neither the organising committee nor the congress secretariat assume any

responsibility for damage or injuries to persons or property during the congress, illness, no-show of speakers etc. Participants and exhibitors are advised to organise their own insurance.

### **Cancellation Policy for Registration**

Requests for registration cancellations and refunds must be received by Thursday, September 23, 2010 (immediately prior to the congress). Under special and unforeseen circumstances, registration cancellations may be no later than Thursday, September 30, 2010 (1 week after the meeting) in order to be considered for a refund. Submit your cancellation in writing to the secretariat via e-mail: gkateriniou@ctmi.gr or via fax: +30 210 3250660. Telephone cancellations will not be accepted.

Your cancellation/refund request should include your name, registration confirmation number and the reason for the refund. All refund requests are subject to approval by the G.A.O.S.R. All approved refunds will be processed within thirty (30) days after the approval. Registration cancellations and registration fee refunds will not be processed on-site during the congress session.

### **Cancellation policy for Accommodation**

To cancel your hotel reservations(s), contact C.T.M. agent directly, in writing, via e-mail: gkateriniou@ctmi.gr or via fax: +30 210 3250660. Do not contact the hotel or the G.A.O.S.R. central office.

Written cancellation for rooms received from 1/7/2010 till 31/8/2010: 50% cancellation fees. Written cancellation received after 1/9/2010: 100% cancellation fees.

### **Important Notices**

The G.A.O.S.R. cannot be responsible for registration and housing materials lost in the mail or for the postmark on mailed Registration and / or Housing Forms. You may wish to send your completed form with payment via certified mail to guarantee delivery, especially if it sent close to the deadline date. The G.A.O.S.R. is only responsible for the registration and / or housing materials after they are received.

The G.A.O.S.R. cannot be responsible for incomplete faxes. The G.A.O.S.R. encourages you to keep a date-stamped of your fax or date-stamped printout of your online registration form for your records.

## **GENERAL INFORMATION**

### **ATHENS, The capital city**

You will have the opportunity to visit the oldest inhabited city in the world, the cradle of democracy and western civilization as we know it today, which begun as a small fortified village built on the top of Acropolis rock at 3000BC. Athens is full of museums and archaeological sites of the outmost interest

and one can almost follow the glory that Athens had, through a visit to the Acropolis Museum, the Parthenon and the national Archeological Museum. Athens grew over the centuries steadily to the very large city of today, boasting a population of around 4,5 millions. Athens apart from hosting the Olympic Games 2004, is also a cosmopolitan city that offers unlimited possibilities of excursions, sightseeing and a superb nightlife.

### **Arrival in Athens**

All international flights arrive at the Athens International Airport El. Venizelos which is located 33 km southeast of Athens and about 40 Km from "HILTON" hotel.

### **Public Transport in Athens**

The sub-way connects several major points in Athens. Other means of transport are trolley buses, tram and buses which also connect different areas of Athens. Airport bus serves every 20 minutes on a 24 hour basis. Taxis are easy to find and compared to other European countries are inexpensive. Cars for hire are available at the airport. The Congress Secretariat can also help you rent a car. Please visit the official website of the Athens international airport for more information on transportation and passenger services at [www.aia.gr](http://www.aia.gr)

### **Passport & Visas**

A valid passport is required for entering Greece for the non-EU citizens. An identity card is sufficient for the citizens of the EU member countries. Please consult the nearest Greek Consulate for specific details.

### **Banks**

Banking hours for the public are Monday to Thursday 8.00' to 14.00' and Friday 8.00' to 13.30'. However, some centrally located banks provide "afternoon tourist services".

### **Currency**

Euro is the European and Greek currency.

The eight denominations of coins vary in size, colour and thickness according to their values, which are 1, 2, 5, 10, 20 and 50 cents or EUR 1 and EUR 2. One euro is divided into 100 cents. Bank notes are in denominations of 5, 10, 20, 50, 100, 200 and 500 Euros.

### **Climate-Clothing**

In late September and October, Greece has a warm mediterranean climate with an average temperature of 20°C and possible light showers. Light clothes are recommended but a sweater or jacket may occasionally be needed. Casual informal clothing is appropriate for all occasions.

### **Power Supply**

The power supply in Greece is 220 Volts/50 Hz. The plugs have 2 or 3 round pins similar to those in many European countries.

## SOCIAL PROGRAMME

- Opening Ceremony & President's Reception that will be held on Saturday the 25<sup>th</sup> at 12.30
- Gala dinner that will be held on Saturday the 25<sup>th</sup> at 21.00
- Optional tours and excursions.

For more information please contact the Congress Secretariat: C.T.M. International S.A., 5 Apollonos Str., 105 57 Athens.

### Athens Sightseeing Tour



This tour gives an opportunity to observe the striking contrasts that make Athens such a fascinating city. Our expert guides take you to see the centre of the city, Constitu-

tion Square (Syntagma), the House of Parliament, the Memorial to the Unknown Soldier and the National Library. Driving down Herod Atticus street, you will see the Evzones in their picturesque uniforms and the Presidential Palace. On your way to the Acropolis, you will see the Panatheinaiko Stadium (where the first Olympic Games of the modern area were held in 1896), the Temple of Olympian Zeus and Hadrian's Arch. On the Acropolis visit its Museum and the architectural masterpieces of the Golden Age of Athens: the Propylea, the Temple of Athena Niki, the Erechtheion and finally, "the harmony between material and spirit", the monument that "puts order in the mind", the Parthenon.

### Cape Sounion in the afternoon

Drive along the coastal road, past the wonderful beaches of Glyfada, Vouliagmeni and Varkiza to the most southern point of Attica, Cape Sounion, where the



white marble pillars of the Temple of Poseidon stand. On the way you have a splendid view of the Saronic Gulf and the little islands offshore. After visiting the Temple of Poseidon, you have time to walk at leisure on the rocky promontory of Sounion.

### Delphi one day tour with lunch



Drive through the fertile plain of Boeotia, crossing the towns of Thebes connected with the tragedy of king Oedipus, Levadia and Arachova, famous for its colourful

rugs and carpets (short stop). Arrive at Delphi, the

centre of the Ancient world - the "Omphalos" (Navel) of the Earth - whose prestige extended far beyond the boundaries of the Hellenic world. On the slopes of Mount Parnassus, in a landscape of unparalleled beauty and majesty, lie the ruins of the Sanctuary of Apollo Pythios. Visit the Treasury of the Athenians, the Temple of Apollo and the Museum containing such masterpieces of ancient Greek sculpture as the bronze Charioteer and the famous athlete Aghias. Lunch will be served at a taverna in Delphi. Early evening we return to Athens.

### Argolis one day tour with lunch

Drive on to Mycenae, the Homeric city of the Atreides- the city "rich in gold" of the ancient poets. (Visit the Lion's Gate, the Cyclopean Walls, the Royal Tombs etc).



Depart for Nafplion through the fertile plain of Argolis, the picturesque town nestling at the foot of a cliff crowned by the mighty ramparts of the Palamidi Fortress. After lunch leave for Epidaurus to visit the theatre (4<sup>th</sup> century B.C.) famous for its astonishing acoustics. Arrival in Athens is expected in the early evening.

### One Day Cruise Hydra-Poros-Aegina

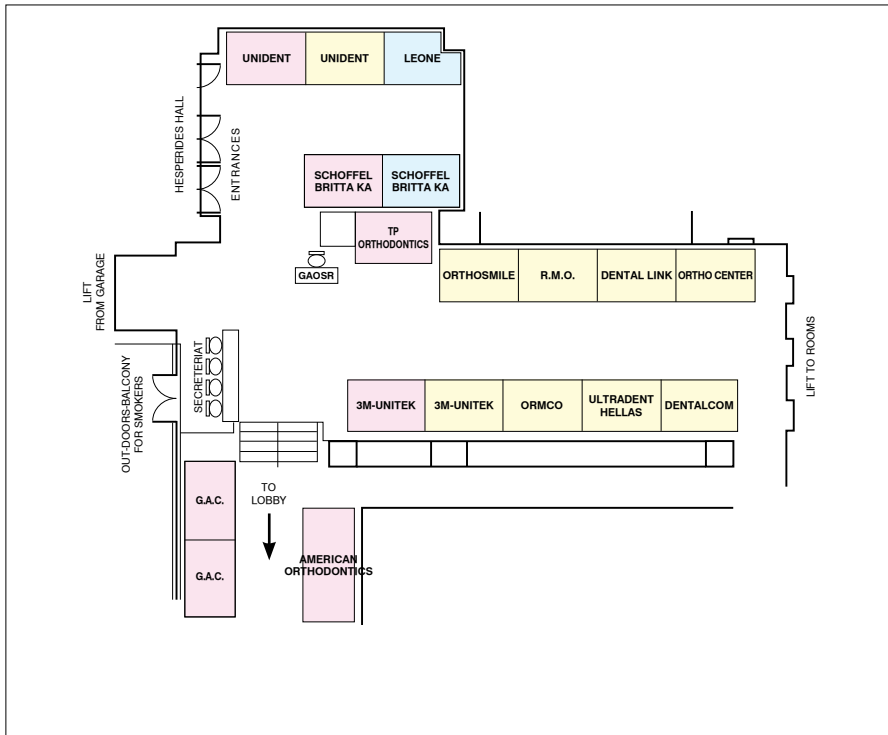


In the morning we take you by bus, from Athens to Piraeus for your embarkation to the cruise boat. At 08.30 departure to Hydra, where we arrive at 11.45. There you have free time for a walk or a swim. At 13.30 embarkation and sail for Aegina island past through Poros and the seashore of Peloponnesos. The lunch will be served during the voyage.

At 15.30 we arrive at Aegina where you have time for a swim. At 18.00 embarkation for the voyage of return to the port. Arrival to Piraeus late in the afternoon.

Note: Beverage consumption is not included

## Floor plan of the exhibit hall



## ACKNOWLEDGEMENTS

The president and the organizing committee wish to express their appreciation to all the Exhibitors that contributed to this congress. Special thanks go to GAC INTERNATIONAL - MILTIADES VITSAROPOULOS S.A. for the sponsoring of the first announcement, to 3M-UNITEK for the sponsoring of the pre-congress seminar and to UNIDENT - K. TZIVELEKAS for the sponsoring of the post-congress seminar of the 11<sup>th</sup> P.O.C.

## EXHIBITORS

EXHIBITORS	BOOTH	ADDRESS	TEL.	FAX
UNIDENT Konstantinos Tzivelekas (Ortho Technology - Reliance)	1,2	26 Ethnikis Antistaseos str. Vrilissia 152 35 unident@otenet.gr	210-6858070	210-6858099
DENTAPHARM (Leone) Ch. Katsoupas & Ach. Antonopoulos	3	48 Sokratous str. Athens 104 31 dentapha@ath.forthnet.gr	210-5236920	210-5234145
SCHÖFFEL BRITTA KA (Dentsply - Glenroe - Mondeal - Royal - Orthodontics)	4,5	7 Arachovis str., Argyroupoli 164 52 sales@dental-market.com	210-9958506	210-9958506
TP ORTHODONTICS EUROPE	6	Fountain Court, 12 Bruntcliffe Way, Morley, Leeds LS27 0JG, UK nick.tsiakas@tportho.com	211-1980040	211-1980040
ORTHOSMILE (Masel)	7	78 Marinou Antipa str. N. Heraklio 141 21 info@ortho-smile.gr	210-8145775	210-8145776
J. TSAPRAZIS & CO P.C (Rocky Mountain Orthodontics)	8	157 Michalakopoulou str. Goudi 115 27 iris@tsaprazis.gr	210-7716416 210-7751000	210-7711100
DENTAL LINK (Dentaurum) Michalis Tzimas	9a	58 Menandrou str. Athens 104 32 info@dentalink.gr	210-5242955 210-5248309	210-5242562
ORTHOCENTER Koula Elaiotrivari & Co	9b	10 Antoniou str. Chalkida 34 100 eleortho@otenet.gr	22210-20410	22210-85450
DENTALCOM (Forestadent) G. Papazoglou S.A.	10	24 Kariofilli str. Goudi 115 27 dentalco@otenet.gr	210-7775021 210-7775110	210-7770480
ULTRADENT Simeon Maraggelis	11	36 Mesogeion Ave. Ampelokipi 115 27 smaragel@otenet.gr	210-7482170	210-7282109
DENTOFAIR (Ormco - A Company) G. Papadimitriou S.A.	12	24 Tetrapoleos str. Athens 115 27 dentofair@otenet.gr	210-7789512	210-7779465
3M (UNITEK)	13,14	20 Kifissias Ave. Maroussi 151 25 rfilou@mmm.com	210-6885272	210-6843281
GAC INTERNATIONAL Miltiades Vitsaropoulos S.A.	15,16	348 Mesogeion Ave. Athens 153 41 info@vitsaropoulos.gr	210-6541340	210-6541618
AMERICAN ORTHODONTICS Konstantinos Ikonomidis	17	1 Nikis Ave. Thessaloniki 546 24 americanortho.gr@gmail.com	2310-256566	2310-256697



# Panhellenic Orthodontic Congress

September 24-26, 2010  
Hilton Athens Hotel



GREEK ASSOCIATION FOR ORTHODONTIC STUDY & RESEARCH  
ΕΤΑΙΡΕΙΑ ΟΡΘΟΔΟΝΤΙΚΗΣ & ΓΝΑΘΟΠΡΟΣΩΠΙΚΗΣ ΜΕΛΕΤΗΣ & ΕΡΕΥΝΑΣ

**11<sup>th</sup> P.O.C. Secretariat:**

C.T.M. International S.A., 5 Apollonos str., 105 57 Athens, Greece, Tel.: +30 210 3244932, Fax: +30 210 3250660, e-mail: gkateriniou@ctmi.gr, website: www.ctmi.gr

Surname: ..... Name: .....

Title: Prof.  Dr.  Mr.  Ms.

Address: .....

City: ..... Zip. Code: ..... Country: .....

Tel.: ..... Fax: ..... e-mail: .....

Accompanying Person(s): Mr.  Ms.

Surname: ..... Name: .....

## Registration

Congress 25-26/9/2010	Until 5/9/2010	After 6/9/2010
Orthodontist	260 € <input type="checkbox"/>	320 € <input type="checkbox"/>
Student*	170 € <input type="checkbox"/>	220 € <input type="checkbox"/>

Pre Congress Seminar 24/09/2010	Until 5/9/2010	After 6/9/2010
Orthodontist	200 € <input type="checkbox"/>	260 € <input type="checkbox"/>
Student*	110 € <input type="checkbox"/>	150 € <input type="checkbox"/>

Post Congress Seminar 26/09/2010	Until 5/9/2010	After 6/9/2010
Orthodontist	140 € <input type="checkbox"/>	180 € <input type="checkbox"/>
Student*	70 € <input type="checkbox"/>	90 € <input type="checkbox"/>

Pre Congress Seminar & Congress 24/09 & 25-26/09/2010	Until 5/9/2010	After 6/9/2010
Orthodontist	400 € <input type="checkbox"/>	480 € <input type="checkbox"/>
Student*	220 € <input type="checkbox"/>	280 € <input type="checkbox"/>

Pre Congress, Congress & Post Congress Seminar 24-26/09/2010	Until 5/9/2010	After 6/9/2010
Orthodontist	490 € <input type="checkbox"/>	590 € <input type="checkbox"/>
Student*	260 € <input type="checkbox"/>	310 € <input type="checkbox"/>

<b>Congress &amp; Post Congress Seminar 24-26/09/2010</b>	<b>Until 5/9/2010</b>	<b>After 6/9/2010</b>
Orthodontist	350 € □	430 € □
Student*	200 € □	250 € □

\* Postgraduate and Undergraduate students must accompany their registration form with certification of their status.

## Social programme

Gala Dinner	150 € □
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### Registration fee includes:

- Admission to all Scientific Sessions & to the Trade Exhibition
- Congress Material (Program, Abstract Book, Congress bag, Plastic badge, etc.)
- Admission to the Opening Ceremony & the President's reception
- Coffee breaks
- Official Certificates of attendance
- Simultaneous translation to English or Greek

### Accommodation

Rates are daily per room including breakfast and taxes. Bookings will be made depending on hotel's availability. For more information please contact the Congress Secretariat.

**Arrival Date:** ..... **Departure Date** .....

<b>Hotel</b>	<b>Single Room</b>	<b>Double Room</b>
Hilton Athens 5*	225 € □	240 € □
Divani Caravel 5*	200 € □	220 € □
Crowne Plaza 5*	175 € □	190 € □
Stratos Vassilikos 4*	142 € □	142 € □
Best Western Ilisia 4*	115 € □	130 € □

### Tours

Tours will be realized with minimum participation of 25 participants.

<b>Tour</b>	<b>Cost per person</b>	<b>Date</b>	<b>No of Persons</b>
Athens Sightseeing	50 € □	.....	.....
Cape Sounion	35 € □	.....	.....
One day to Delphi or Argolis**	85 € □	.....	.....
One day Cruise in the Saronic Gulf (Aegina - Poros - Hydra)**	85 € □	.....	.....

\*\*Lunch included (beverage consumption is not included)

### Cancellation Policy for Registration & Accommodation

- Registration cancellations must be received in writing no later than Thursday, September 23, 2010 in order to receive a refund.
- Written cancellation for rooms received from 1/7/2010 till 31/8/2010: 50% cancellation fees
- Written cancellation received after 1/9/2010: 100% cancellation fees

## Payment Conditions

- In order to secure your registration/accommodation a copy of the bank receipt has to be send to the Congress Secreteriat: C.T.M. International S.A. by fax +30 210 3250660, in which you should refer the name of the participant/company and the name of the congress.
- For accommodation booking a deposit for at least one night accommodation is required to confirm requested accommodation.

## Payment Methods

Payment should be effected:

- By bank remittance to **ALPHA BANK**  
Account Number: **120 00 2320 000 528**  
IBAN No: **GR33 0140 1200 1200 0232 0000 528**  
Swift Code: **CRBAGRAAXXX**  
To the order of: **I. SVORONOS S.A.**
- By Credit Card
- **No personal cheques are accepted**
- For Credit Card's payments, please send the following statement, duly signed:

I authorize C.T.M. International S.A. to debit my Credit Card for the total amount of			
..... €			
No. Card:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Valid From: ____/____/____	Expiration Date: ____/____/____		
3 last digits on the back side of your card: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<input type="checkbox"/> Visa	<input type="checkbox"/> Diners	<input type="checkbox"/> American Express	<input type="checkbox"/> Mastercard
Date: ____ / ____ / ____		Signature: _____	

Date .....

Signature .....