

**IV.**

# **CZECHO-SLOVAK ORTHODONTIC CONGRESS**

**&**

**XX.**

# **CONGRESS OF THE CZECH ORTHODONTIC SOCIETY**

**September 19–21, 2019**

**Hotel Crowne Plaza, Bratislava, Slovak Republic**



**SECOND ANNOUNCEMENT**

# CONTENT

<b>Welcome Message</b>	<b>3</b>
<b>General Information</b>	<b>4</b>
<b>Preliminary Programme</b>	<b>4</b>
<b>Keynote Speakers</b>	<b>5</b>
<b>Anne Marie Kuijpers-Jagtman</b>	<b>5</b>
<b>Ute Schneider-Moser</b>	<b>6</b>
<b>Lorenz Moser</b>	<b>6</b>
<b>Raffaele Spena</b>	<b>8</b>
<b>Peter A. Mossey</b>	<b>9</b>
<b>Richard Kiškováč</b>	<b>10</b>
<b>Ewa Czochrowska</b>	<b>11</b>
<b>Christodoulos Laspos</b>	<b>12</b>
<b>Nejat Erverdi</b>	<b>13</b>
<b>Tommaso Castroflorio</b>	<b>14</b>
<b>Information for Authors</b>	<b>15</b>
<b>Registration</b>	<b>16</b>
<b>General Information</b>	<b>17</b>
<b>Accommodation</b>	<b>17</b>
<b>The city of Bratislava</b>	<b>18</b>
<b>Mailing Administration</b>	<b>18</b>
<b>Sponsors</b>	<b>19</b>
<b>Map of Bratislava</b>	<b>20</b>



## WELCOME MESSAGE

**Dear Colleagues,**

We take the liberty of inviting you to the **4<sup>th</sup> Czecho-Slovak Orthodontic Congress** which is, at the same time, the **20<sup>th</sup> Congress of the Czech Orthodontic Society**.

After 17 years, our joint congress returns to where it all began – to Bratislava. In the meantime, the congress has expanded so much that, considering all our sections, we would not be able to fit in the original venue. Therefore, as the venue, we have chosen the congress premises of the Crowne Plaza hotel which is near the historical city centre and provides the required congress comfort.

We believe that we have chosen interesting topics and we are glad to have been able to attract top speakers. The main topics of the Congress include interdisciplinary cooperation, treatment of patients with facial cleft disorders and free topics. An entire congress course will be dedicated to the topic of interdisciplinary cooperation and will be led by the world-renowned Italian orthodontists Lorenz Moser and his wife Ute Schneider Moser.

Other keynote speakers – Ewa Czochrowska and Raffaele Spena – will also tackle interdisciplinary cooperation. The second main topic – the treatment of cleft patients – could not do without the cooperation of a variety of fields. An interesting lecture on the distraction of the alveolar process in cleft patients will be presented by Nejat Erverdi. Christodoulos Laspos, Director of the Cyprus Centre for Clefts, will share his experiences with preoperative preparation in neonatal patients. Peter Mossey will speak about the latest findings in the area of cleft prevention. Tommaso Castroflorio will be the main speaker in the Free Topics section and will present scientific studies on the treatment of patients with the Invisalign system.

An interesting program has also been prepared for orthodontic assistants. They can look forward to lectures on physiotherapy and ergonomics, as well as speech therapy treatment in cleft patients. Digitization of the orthodontic practice is another issue that is becoming increasingly important.

Dental technicians will learn more about the fabrication of epitheses. Other lectures will focus on the main topics of the Congress – clefts and interdisciplinary cooperation.


As always, you can look forward to social events. The first Congress evening will be dedicated to orthodontic assistants and dental technicians. The President's reception for doctors will take place on Friday evening and will be themed on movie characters.

We also hope that you find the time to explore the city and walk around the historical centre from the St. Michael's gate along the promenade to the Main Square with the Old Town Hall and then to the Hviezdoslav Square. It is also well worth visiting Eurovea – a new promenade on the embankment of the Danube River with restaurants, small cafés and a shopping gallery close to Slovak National Theatre.

On behalf of the entire organizing team, we cordially invite you to the Congress and look forward to seeing you in Bratislava.



**Irena Klímová**  
Congress President



**Ivo Marek**  
Congress Vice-president

## GENERAL INFORMATION

### Congress venue

#### Hotel Crowne Plaza Bratislava

Hodžovo nám. 2, 816 25 Bratislava, Slovak Republic



### Organised by



ČESKÁ  
ORTODONTICKÁ  
SPOLEČNOST



SLOVAK  
ORTHODONTIC  
SOCIETY

### President

#### MUDr. Irena Klímová

E-mail: [president@kongrescos.cz](mailto:president@kongrescos.cz)

### Vice-president

#### MUDr. Ivo Marek, Ph.D.

E-mail: [vicepresident@kongrescos.cz](mailto:vicepresident@kongrescos.cz)

### Scientific secretariat

#### MUDr. Josef Kučera, Ph.D.

E-mail: [abstract@kongrescos.cz](mailto:abstract@kongrescos.cz)

### Congress language

Czech, Slovak, English  
[simultaneous translation]

### Organising secretariat

#### GUARANT International spol. s r. o.

#### Jitka Puldová

Na Pankráci 17  
140 21 Prague 4  
Czech Republic  
Tel.: +420 284 001 444  
Fax: +420 284 001 448  
E-mail: [cos2019@guarant.cz](mailto:cos2019@guarant.cz)

### Congress website

[www.kongrescos.cz](http://www.kongrescos.cz)

## PRELIMINARY PROGRAMME

### Main topics

- Interdisciplinary treatment
- Treatment of cleft patients
- Free topics

### Main scientific programme

September 20–21, 2019

### Keynote speakers

Anne Marie Kuijpers-Jagtman [The Netherlands]  
Ute Schneider-Moser [Italy]  
Lorenz Moser [Italy]  
Raffaele Spena [Italy]  
Peter A. Mossey [Great Britain]  
Richard Kiškováč [Slovakia]  
Ewa Czochrowska [Poland]  
Christodoulos Laspos [Cyprus]  
Nejat Erverdi [Turkey]  
Tommaso Castorflorio [Italy]

### Congress course

September 19, 2019

Interdisciplinary treatment  
Ute Schneider-Moser and Lorenz Moser [Italy]

### Lecture in honor of Bedřich Neumann

September 20, 2019

Anne Marie Kuijpers-Jagtman [The Netherlands]

### Section for orthodontic assistants

September 19–20, 2019

- Speech therapy and clefts
- Digitalisation in orthodontics
- Ergonomics
- Physiotherapy

### Section for dental technicians

September 19–20, 2019

- Clefts
- Congenital and acquired anomalies
- Epitheses
- Interdisciplinary cooperation
- Virtualization
- Workshop – Laboratory products for cleft patient

### Poster section

Hotel Crowne Plaza Bratislava

### Trade exhibition

Hotel Crowne Plaza Bratislava

### Social programme

September 19, 2019

Welcome Drink  
Orthodontic Assistants & Dental Technicians Party

September 20, 2019

President's Reception

## KEYNOTE SPEAKERS



### **Prof. Anne Marie Kuijpers-Jagtman, DDS PhD FDSRCSEng**

Professor Kuijpers-Jagtman Professor Emeritus at the Radboud University Nijmegen, The Netherlands. From 1995 to September 2014 she was Chairperson of the Department of Orthodontics and Craniofacial Biology at Radboudumc. She also serves as Professor of Orthodontics at Universitas Indonesia in Jakarta [Indonesia] since 2009. Since 2018 she is also a visiting professor at Wuhan University in China. She is a Past-President of the European Orthodontic Society.

Professor Kuijpers-Jagtman is leading in the development and promotion of high quality postgraduate education in orthodontics, both nationally and internationally. She is co-founder of Network for Erasmus Based European Orthodontic Programmes (NEBEOP) and until June 2017 she was the President. In 2009 and 2012 she was awarded the title of Principal Lecturer of the Radboud University for her teaching achievements. She is the Distinguished Teacher of the EOS for the year 2017.

Professor Kuijpers-Jagtman is Editor-in-Chief of Orthodontics and Craniofacial Research, which is in the top-5 impact factor journals in orthodontics, and a member of the Editorial Board of a number of scientific journals. She has undertaken extensive research during the past 30 years in the area of cleft lip and palate and tissue reactions during orthodontic tooth movement. At present, her major interests are in clinical applications of three-dimensional [3D]-imaging and evidence based orthodontics. She has [co]authored over 350 peer-reviewed papers, supervised 48 PhD theses and given numerous lectures in 40 countries around the globe.

#### **LECTURE IN HONOR OF BEDŘICH NEUMANN**

**Friday, September 20, 2019**

#### **The Knowledge Bypass**

45 years in orthodontics has made me humble. There is no doubt that much has changed and the technical advances to the benefits of patients and profession are considerable. However, it cannot be denied that commercialization of orthodontics has changed the field completely. Unproven claims of effectiveness of new devices or treatment options and suggested long-term benefits overshadow the science and practice of orthodontics. This knowledge bypass is a rather serious issue. Is there light at the end of the tunnel?



## Dr. Ute Schneider-Moser

- 1985 DDS University of Mainz [Germany]
- 1987 Private practice in Bolzano [Italy] together with Dr. Lorenz Moser
- 1990 Active Member of the S.I.D.O. [Società di Ortodonzia Italiana]
- 1999 Diplomate of the Italian Board of Orthodontists [I.B.O.]
- Since 2003 Visiting professor at the l'Università di Sacro Cuore, Rome – for the program of Logopedics at the Scuola Provinciale Superiore di Sanità "Claudiana" in Bolzano
- 2010 Specialty in Orthodontics, University of Ferrara [Italy]
- 2011 Member of the EHASO [Edward H. Angle Society of Orthodontists – Angle East]
- Since 2011 Visiting professor at the Department of Orthodontics of the University of Ferrara
- 2012 President of the Accademia Italiana di Ortodonzia [AIdOr]
- 2020 President of the E. H. Angle Society of Orthodontists EHASO – Angle East [USA]



## Dr. Lorenz Moser

- 1973–1979 M.D. University of Innsbruck [A]
- 1981–1983 D.D.S. University of Innsbruck
- 1983–1986 Postgraduate Orthodontic Training University of Innsbruck
- 1986 Private Practice of Orthodontics in Bolzano [Italy]
- 1990 Active member S.I.D.O.
- 1997 Diplomate European Board of Orthodontists E.B.O.
- 1999 Diplomate Italian Board of Orthodontists I.B.O.
- 1999 Active member W.F.O., International Member A.A.O.
- 2001 Active member Angle Society of Europe [ASE]
- 2002–2003 President I.B.O. and Member S.I.D.O. Council
- Since 2003 Visiting professor University of Ferrara [Italy]
- 2004–2006 Secretary of the Angle Society of Europe
- 2006–2008 Chairman EBO Examination Committee

## CONGRESS COURSE

**Ute Schneider-Moser / Lorenz Moser**

**Interdisciplinary treatment for complex orthodontic patients**

**Thursday, September 19, 2019**

**1) Treating severe skeletal malocclusions with orthodontic-orthognathic strategies** Orthodontic dentoalveolar camouflage treatment for patients with severe skeletal problems is associated with well-known aesthetic, functional and periodontal limits, apart from a high risk of unwanted side-effects and instability of the achieved result. To date, combined orthodontic-surgical treatment planning is the gold standard for successful and efficient outcomes. The aim of presurgical orthodontics is the elimination of the existing dental compensations in all three dimensions in order to avoid suboptimal postsurgical results, which would require postsurgical orthodontic camouflage or which would increase the risk of posttreatment relapse in the long-run.

**2) Orthodontics and periodontics: friends or foes?** The interrelation between orthodontics and periodontics remains a hot topic. The main question is whether orthodontic treatment is beneficial for periodontal health or can jeopardize the integrity of both the hard and soft tissue envelope. Tooth movements which exceed the natural boundaries are risk factors for causing osseous fenestrations and dehiscencies, which will secondarily lead to gingival recessions, especially in the presence of a thin periodontal biotype and scarce oral hygiene. Uncontrolled tipping, excessive tooth proclination and substantial arch expansion are typical causes for overpowering the natural boundaries of the dentition and should thus be avoided. On the other hand, carefully managed orthodontic treatments can reposition malaligned teeth over basal bone to improve a compromised periodontal support. The speakers will give an overview of the current literature with clinical support by presenting exemplary patients.

**3) Missing teeth: common and uncommon solutions** Agenesis of one or both maxillary lateral incisors is a relatively common finding and the discussion whether it is better to close or to open the spaces is still ongoing. The same considerations are also valid for traumatic loss of teeth in the sensitive aesthetic zone. While prosthodontists tend to suggest implantborne crowns or cantilever bridges for substitution of the missing teeth, orthodontic space closure is an elegant and less invasive treatment approach avoiding long-term sequelae like infraocclusion with compromised function and aesthetics.

**Looking closer: Is your treatment really finished?** Not only after complex interdisciplinary treatments, but of course also in these patients, a meticulous occlusal finishing is key for optimum aesthetics, good function and long-term stability. Especially for patients with worn incisal edges or cusps, reconstruction of the lost tooth structure must also be performed. While many orthodontists and dentists are only focused on the aesthetic appeal of the upper „social six“, more attention should be given to the reconstruction of the lower incisor edges and the lower canine cusps in order to obtain also good incisor and canine guidance.

## KEYNOTE LECTURE

**Ute Schneider-Moser**

**Orthodontics and periodontics: friends or foes?**

**Friday, September 20, 2019**

The relationship between orthodontics and periodontology remains a hot topic. The main question is whether orthodontic treatment is beneficial for periodontal health or can jeopardize the integrity of both the hard and soft-tissue envelope. The majority of the existing scientific literature relieves orthodontists from being the main culprits of periodontal damage. However, tooth movements which exceed the natural boundaries are risk factors for causing osseous fenestrations and dehiscences, which will secondarily lead to gingival recessions. Uncontrolled tipping, excessive proclination, and substantial arch expansion are typical causes for overpowering the hard and soft tissue scaffold and should thus be avoided. On the other hand, carefully managed orthodontic treatments can reposition misaligned teeth over basal bone to improve a compromised periodontal support and even recuperate soft-tissue defects.

The author will critically comment on the evidence-based literature and add clinical examples in order to illustrate that orthodontics can be in fact a double-edged sword.

## KEYNOTE LECTURE

**Lorenz Moser**

**Uncommon solutions in orthodontics**

**Friday, September 20, 2019**

After 35 years in the office the overwhelming majority of patients can be treated with a certain routine. However, from time to time even the most experienced orthodontist is confronted with problems which require brave and unorthodox treatment concepts. The presentation of several most interesting patients with missing teeth will illustrate these diagnostic and therapeutic challenges with special regard to finishing procedures.



## Dott. Raffaele Spena

- Certificate in Orthodontics at University of Pennsylvania in 1988
- Specialty in Orthodontics at University of Ferrara in 2003
- Speaker at Italian and International courses and meetings
- Author of several publications on Italian and International journals
- Reviewer for Italian and International Journals
- Leader in Italy and Europe for the CCO System
- Atlas book "Il trattamento senza estrazioni" in 1998
- Atlas book "Nonextraction Treatment" ed. Fenske Media Corporation in 2002
- Coauthor chapter "Nonextraction Treatment" in "Orthodontics – Current principles and techniques" ed. T. M. Graber e R. M. Vanarsdall in 2000
- Updated chapters in 2005, 2011 and 2016 editions of same book
- Adjunct Associate Clinical Professor at University of Pennsylvania from 1988 to 2000
- Professore a contratto Università di Parma from 1996 to 2000
- Professore a contratto Università di Ferrara since 2003
- Active member of AIDO (Italian Academy of Orthodontics), AAO, SIDO, WFO and EOS
- Scientific secretary of AIDO in 2008–2009
- President of AIDO in 2010
- Active Member of Angle Society of Europe (ASE) since 2005
- Program Chair of ASE in 2015
- Italian Board of Orthodontics in 2001 and European Board of Orthodontics in 2008
- Clinical private office in Napoli

### KEYNOTE LECTURE

#### Management of ectopic eruptions

#### How to increase efficiency and success rate

Friday, September 20, 2019

Ectopic eruptions are a common problem in orthodontics. Most of the available literature on this topic limits the treatment possibilities and even advises not to solve some ectopic eruptions. Combining efficient biomechanics and protocols to increase patient's response to treatment, solutions and increased success rate may be given to several dental abnormal evolution or position. A different personal perspective on skeletal anchorage, alveolar corticotomy, and effective biomechanics will be shown and how they may be utilized to help manage cases in a direction different from what is commonly "advised" in the literature.





## **Peter Anthony Mossey, BDS, PhD, FDS, M Orth RCSEd, FFD RCSI, FDS RCPS**

Professor of Craniofacial Development and Consultant in Orthodontics, University of Dundee Dental School. Currently Associate Dean for Internationalisation at the University of Dundee Dental School. Prolific publisher in this field with 48 peer reviewed publications in the last 5 years, and in the same period supervised 8 doctorate students and 8 Masters projects, all of them on cleft lip / palate or craniofacial anomalies. For the last 2 decades, prof. Mossey has been leading local, national, European and global research in the field of craniofacial anomalies and cleft lip and palate which includes the following. Convenor of research group in Cleft Care Scotland and Leader for the Craniofacial Anomalies theme in the WHO Global Burden of Disease [GBD] Birth Defects initiative arising from the recommendations of the 63<sup>rd</sup> World Health Assembly in May 2010. Chaired the Craniofacial Anomalies Group of the IADR Global Oral Health Inequalities Research Agenda [GOHIRN] and was appointed honorary secretary of the IADR Global Oral Health Inequalities Research Network in August 2012. Chair of the international Task Force on epidemiology, etiology and prevention of cleft lip and palate in June 2013. Developed and research projects and strategies on treatment, etiology and prevention of cleft lip and palate, particularly in developing countries & in 2015 Prof. Mossey was awarded Arnold Huddart Medal by the Craniofacial Society of Great Britain & Ireland. Research grant funding in the past includes grants from the Global Challenges Research Fund, British Council, The Wellcome Trust, Sport Aiding Medical Research for Kids [SPARKS], EU Framework 5, European Science Foundation [ESF-EMRC] and National Institutes of Health [NIH].

### **KEYNOTE LECTURE**

#### **Prevention of cleft lip & palate: vision for the future**

**Friday, September 20, 2019**

The ultimate goal of improving knowledge on orofacial clefts [OFC] aetiology/causation and risk factors is to identify possibilities for primary prevention, and such risk factors are both environmental and genetic.

**Attributable risk:** It is important that aspects of nutrition, environmental exposures, lifestyle, behavioural factors and medical history are well recorded, and with measurement of environmental factors there is a shift towards biomarkers for precision of measurement. For genetic risk, through GWAS the landscape of genetic predisposition has changed significantly over the last five years and ever-improving high throughput molecular genetic technologies and computational facilities make the possibility of identification of genetic predisposition much more accessible and tangible. The studies to date also suggest that there are different genetic markers predisposing to OFC in different populations and possibly in different ethnic groups and different families also. The latter demands alternative approaches for the discovery of high risk genetic markers.

**Future studies** will concentrate much more on interactions between genetic and environmental factors, interactions between genes in the same or different pathways and epigenetic factors such as DNA methylation and its influence on genotype and risk of birth defects. Also there is a need to move to an implementation agenda in our research and ensure that inter-disciplinary, multi-centre collaborative studies accelerate the progress of public health in field of OFC.

**Existing samples, datasets and initiatives:** there are already many national and international initiatives that attempt to address the agenda of primary prevention and it would be useful to involve them in a large international network and to build up a directory of resources of what samples are available. One such organisation where this is being done and could be enhanced is in the new EU ERNs.

**Vision for the future:** the mark of success for the future prevention network is that there should be demonstrable progress in achieving primary prevention within a generation in most countries in the world. In the short term examine how prevention of clefts might fit in with strategies surrounding the UN Sustainable Development Goals [SDGs] and multi-centre collaborative research and precision medicine initiatives.



## Mgr. Richard Kiškováč, CISSP

Richard Kiškováč works as a consultant in the field of information technologies and cybernetics. He has over 14 years of practical experience in the private and public sectors including financial and banking institutions, public administration, telecom and manufacturing companies. In his professional life, he mainly focuses on providing consulting services for designing comprehensive strategies and programmes of information and cybersecurity management based on different security standards (ISO 27000, PCI DSS, SWIFT CSF etc.). During his career he served in several managerial positions in international companies such as Deloitte, Telefónica O2, First Data where he led several important projects in the field of information and cybersecurity from the development of a security program of a new telecommunications operator to the involvement in defining the management strategy of cybersecurity for the public administration. He also deals with the issue of security of industrial systems (ICS/SCADA). He is particularly interested in the phenomenon of the human factor in information and cybersecurity and its possible solutions. Before entering the private sector, he was involved in the investigation of cybercrime within the security and armed forces. Richard has a university degree in the field of security services and is a holder of the internationally recognized CISSP certificate (Certified Information Systems Security Professional).

### KEYNOTE LECTURE

**Cybersecurity in the new digital age**

**Saturday, September 21, 2019**

The lecture will focus on the current situation and trends in the field of cybersecurity. It will also address current ways of dealing with this issue, the practical requirements as well as the current regulation of this area. The lecture will include a presentation of a simple hacker attack.



## Ewa Czochrowska, DDS, PhD

Graduated as a dentist from the Dental Faculty in Warsaw, Poland. She finished a postgraduate training in orthodontics at the University in Oslo, Norway in 1997 then worked as a Research Fellow at the Orthodontic Department, Dental Faculty in Oslo until 2002. In 2003 she was awarded a PhD from the University in Oslo for a thesis on autotransplantation of teeth. For the publication from this work she received the American Journal of Orthodontics and Dentofacial Orthopedics Dewel Orthodontic Award in 2002. In 2014 she was awarded a habilitation in medical science from the Medical University in Warsaw on her work related to orthodontic treatment of patients with periodontitis.

Dr Czochrowska was the President of the European Orthodontic Society and she host the EOS Congress in 2014 in Warsaw. She is the President of the Polish Orthodontic Society and the Active Member of the Angle Society of Europe and the European Board of Orthodontists. She has organized 2 international congresses on tooth transplantation in 2016 and 2018. Received Distinguish Teacher Award from the European Orthodontic Society for 2020. At present in private practice in Warsaw and is working at the Department of Orthodontics, Medical University in Warsaw, Poland.

Dr Czochrowska has authored and coauthored 10 book chapters and 50 scientific articles. She has lectured extensively worldwide on tooth transplantation and orthodontic treatment in patients with periodontal diseases.

### KEYNOTE LECTURE

**How to perform successfully tooth transplantation?  
Key factors for donor selection, surgery and follow-up  
Saturday, September 21, 2019**

Tooth transplantation, especially in growing patients, is an attractive alternative, for treating dental agenesis, upper incisor avulsions and tooth impactions. Successful transplants not only provide a life-long tooth replacement but can also preserve the alveolar bone and promote bone regeneration in deficient alveolar processes. Tooth transplantation is a technique sensitive procedure and requires careful diagnosis and case selection, a good understanding of relevant tooth transplantation biological principles and careful execution of the optimal surgical and follow-up protocols.

The protocol for autotransplantation of developing teeth introduced at the University in Oslo in the early 60's has been successfully implemented in Poland for the last 19 years. During this presentation I will highlight the following:

- Donor election
- Important factors during surgery and follow-up for successful transplantation
- Solutions to possible complications in light of other treatment alternatives
- Effective patient communication

The concepts will be presented using relevant clinical examples and they will supported by relevant scientific evidence. The key issues of patient's communication regarding age and predictability of this procedure will be also presented.



## Dr. Chris Laspos DDS, MDS

Dr. Chris Laspos is an orthodontist specialist in individuals with craniofacial malformations.

He was born in Kalo Chorio Limassol and graduated from Lanition B' High School in 1987. He served in the Cyprus army as a sergeant (1988–1990).

He received his DDS [1995] from the Dental School of the University of Athens. He was a research fellow in the TMJ and Orthodontic Department at the University of Rochester, Eastman Dental Center of Rochester, New York. His research focused on facial asymmetries of individuals born with unilateral cleft lip and palate. He specialised in orthodontics [Master of Dental Science] [1996–1999] in the College of Dentistry, University of Tennessee, Memphis. He specialised in individuals with craniofacial malformations [Craniofacial Fellowship] [1999–2000], in the University of Texas, South-western Medical Center, Dallas, Texas.

Since the year 2000, he practices in his private orthodontic Center in Limassol, Cyprus. He is the founder and director of the Cyprus Center for Clefts and Facial Deformities, "Medicleft" and of the "Chrysallida Foundation", the Cyprus association of individuals with clefts and other craniofacial anomalies. He is the director of the Synergy Dental Academy that provides continuing education courses for dental professionals.

He is an active member of the Angle Society of Europe and Certified of the European Board of Orthodontists.

He is a member of several professional societies and associations such as: International Society of Craniofacial Surgery, American Association of Orthodontists, European Orthodontic Society, World Federation of Orthodontists, Tweed Foundation, American Cleft Palate Craniofacial Association, Greek Association for Orthodontic Study and Research, Cyprus Dental Association, Cyprus Orthodontic Society.

He published in European and American scientific journals and he lectures internationally on craniofacial malformations, Orthognathic surgery, multidisciplinary approach, and new technologies in orthodontics.

He served as a president of the Cyprus Orthodontic Society (2010–2012), president of the scientific committee of the Greek Association for Orthodontic Study and Research (2014) and he is the president elected of the European Orthodontic Society (2021).

He is married to Maria and the proud father of Ellie and Vasiliki.

### KEYNOTE LECTURE

#### **The use of presurgical infant orthopedics to treat individuals with cleft lip and palate**

**Saturday, September 21, 2019**

The term "orthopedics" has a precise application in the treatment of infants with cleft lip and palate. Presurgical infant orthopedics was introduced in the mid 50s as an early therapy for the correction of cleft lip and palate deformities. Nasoalveolar molding represents an evolution of the original technique introduced and popularized by the NYU TEAM.

Infants with cleft lip and palate present with displaced nasal tip, depressed alar dome, skewed columella, displaced labial frenum, orbicularis oris that runs up into nose and deformed alveolus. Nasoalveolar Molding (NAM) is used to correct the form and position of the nasal cartilages, premaxilla, and alveolar ridges during the neonatal period (first week till 3–4 months of age). It is also used to elongate the columella in infants with bilateral cleft lip and palate. The appliance is made of wire and acrylic nasal stents attached to an intraoral acrylic plate. In effect, this presurgical management of the cleft infant is intended to reduce severity of the oronasal deformity prior to surgery.

This technique takes advantage of the malleability of immature nasal cartilage and its ability to maintain a permanent correction of its form due to the high levels of hyaluronic acid. This is performed by gradual elongation of the nasal stents and the application of forces that are applied to the lip the nose and the alveolar segments. Utilization of the NAM technique has eliminated surgical scars associated with traditional columella reconstruction, has reduced the number and cost of surgical procedures, and has become the standard of care in many Cleft Palate Centers.

I will present step by step the utilization of this technique as well as the advantages and disadvantages in the management of individuals born with cleft lip and palate.



**Dr. Nejat Erverdi**

Dr. Nejat Erverdi graduated in 1981 from Hacettepe University Faculty of Dentistry in Ankara. He started his postgraduate education at the Department of Orthodontics of the same faculty and completed his PhD program in 1985. For the military service, Dr. Erverdi attended the Military Postgraduate Education Center in Istanbul and completed his military service as an educator. In 1987 he joined the Marmara University Faculty of Dentistry Department of Orthodontics as a lecturer. In 1988 he became Assistant Professor; in 1989 he passed the exam and became Associate Professor. In 1994 he became a full Professor. Dr. Erverdi is the head of the Department of Orthodontics between 1988-2006. He is one of the founders of the Turkish Orthodontic Society. Since 2000 he is serving as a Council member of the European Orthodontic Society. In 2003 he was accepted as the full member to the North Atlantic Component of the Edward Angle Society. He is the author of over 100 articles in local and international journals and seven international book chapters. He was the president of the IXth International Symposium on Dentofacial Development and Function in October 2002. He was elected as the president of the European Orthodontic Society for the year of 2011. He was the president of EOS congress which was held in June 2011 in İstanbul. His book about Archwise Distraction Osteogenesis was published by Springer company in the year of 2014. He is still investigating and writing about Archwise Distraction Osteogenesis and cleft palate treatment. His book Contemporary Orthodontics in Turkish language was published in the year of 2017.

**KEYNOTE LECTURE**

**A novel approach for the treatment of cleft palate problem; archwise distraction technique**

**Saturday, September 21, 2019**

Cleft lip and palate [CLP] is defined as a congenital deformity caused by failed fusion of medial and lateral palatine processes during 4-12<sup>th</sup> weeks of embryogenesis, resulting in an open communication between oral and nasal cavities. In CLP patients, maxillary hypoplasia, velopharyngeal insufficiency and alveolar clefts are the major issues that have to be taken care of after labiopalatal reconstruction. Rather than several consecutive operations, such as bone-graftings and orthognathic surgery, alveolar distraction can be a better treatment option in many cases. AWDA – Archwise Distraction Appliance – is a rigid, tooth-borne, custom-made appliance that is developed to control the distraction vector with double archwire system. Our experiences show that the AWDA is a successful appliance in cases of distraction osteogenesis. Moreover, alveolar distraction has significant advantages over conventional treatment modalities for CLP patients.



## Tommaso Castroflorio

Dr. Castroflorio obtained his DDS Degree from the University of Torino, Italy, in 1998; In 2001 he was certified as a Specialist in Orthodontics summa cum laude from the same University. In 2007 he obtained his PhD in Human Morphology from the University of Milan, Italy. In 2008 he completed a postgraduate course in Headache and Craniofacial Neuralgia at the University of Torino, Italy and in 2009 he completed a postgraduate course in Orofacial Pain at the University of New Jersey, USA.

- From 2002 to 2007 he was lecturer at the School of Orthodontics of the University of Torino, Italy.
- Between 2007 and 2011 he was a lecturer of the postgraduate course in Interceptive Orthodontics at the Danube University, Krems, Austria.
- Since 2012 he is a clinical instructor and lecturer at the School of Orthodontics of the University of Torino, Italy.
- Since 2014 he is an aggregate Professor of the Chair of Orthodontics and of the Specialization School of Orthodontics of the Dental School of the University of Torino, Torino, Italy and he is involved in international research projects with universities in Canada, Spain and US focused on aligner orthodontics.

He is author or co-author of more than 100 publications on peer-review journals, national dental journals and of chapters of books.

- In 2002 he was awarded from the Italian Society of Orthodontics.
- In 2003, 2004 and 2012 he was awarded from the Italian College of Teachers in Dentistry.
- In 2014, 2016 and 2018 he was the recipient of the international Align Research Award.
- Since 1999 he has lectured in Italy, Europe, USA, Middle East and Asia.

He serves as reviewer for the most important dental journals in the field of Orthodontics and Oral Physiology. He is member of the Italian Society of Orthodontics (SIDO), European Orthodontic Society (EOS), fellow of the World Federation of Orthodontists (WFO), International member of the American Association of Orthodontists (AAO). He is a founding member and board member of the European Aligner Society. His private practice is located in Torino, Italy.

### KEYNOTE LECTURE

#### Aligner orthodontics: from basic research to clinical applications

Saturday, September 21, 2019

In recent years aligner orthodontics has grown very fast since an increasing number of patients have sought esthetic and comfortable alternative to fixed appliances. The application of an orthodontic force produces a tissue reaction that is the result of the perturbation generated by the orthodontic appliance and the modeling and remodeling of the alveolar bone. Aligners provide intermittent orthodontic forces and despite their spread among the orthodontic community, there are still doubt relating to the bone metabolism induced by this kind of appliances. Researches conducted at the University of Torino, Italy, demonstrated that aligners seem to be capable of inducing the same biological responses described for fixed appliances, at least in the very early stages of the orthodontic treatment. On the basis of this consideration biomechanics of aligner orthodontics should be optimized in order to permit the control of complex movements like the bodily movement of maxillary molars. Results of studies describing the dentoskeletal effects of Class II correction with Invisalign® aligners will be then presented as well as the effects of the attachments and elastics on the quality of the orthodontic tooth movement.

## INFORMATION FOR AUTHORS

We invite authors who wish to contribute to the congress scientific programme to submit abstracts at [www.kongrescos.cz](http://www.kongrescos.cz). Send it also in word file to the Scientific Congress Committee: [abstract@kongrescos.cz](mailto:abstract@kongrescos.cz) in the format below [see Abstract submission guidelines].

**The deadline for the submission of abstracts is on May 31, 2019.**

### CATEGORY

- Main Scientific Programme
- Poster Section

The Scientific Committee reserves the right to place a contribution in a different category, upon consultation with the author. Priority will be given to contributions regarding the main topics of the congress.

The Scientific Committee will award **the best Young authors lecture** [for doctors in postgraduate training and less than 2 years after its completion, please **mark the abstract with letters PG**], **the best scientific poster** and **the best poster with topic most beneficial to clinical practice**.

Authors will be notified by **June 30, 2019**. Abstracts will be published in the congress proceedings.

The schedule time for each presentation is 15 minutes in the Main Scientific Programme, 10–15 minutes for competitive lecture and 20 minutes in other sections. The first author of each presentation will not have to pay the congress fee.

**Poster section** will take the form of **electronic posters**. Only one page in PDF format will be accepted, the template size is 52 × 63,5 cm [9:11]. Further details for authors can be found on the congress website.

### ABSTRACT SUBMISSION GUIDELINES

1. Title [maximum of 10 words]
2. Authors [write name of the main author first]
3. Institution [give full address in relevant section of application form, also assign the appropriate affiliation of the authors in the word file by the upper numerical index]
4. Intrinsic Abstract [especially in posters and competitive lectures, a structured abstract is necessary]
  - Aim
  - Material [or subject]
  - Methods
  - Results
  - Conclusions

Abstracts that do not conform to the submission guidelines will be returned to the author for revision by the special deadline. Abstracts received after this date cannot be published. Submission of results may not be deferred to the time of your oral or poster presentation. In such case, the Congress Scientific Committee would not be able to rate your presentation.



## REGISTRATION (INCLUDING CONGRESS COURSE)

### METHOD OF PAYMENT

Please note that all payments for registration and accommodation have to be paid before the beginning of the congress. For all necessary details please find registration and accommodation form.

Category	Payment before June 28, 2019	Payment on or after June 29, 2019
Members of COS, SOS	510 EUR	551 EUR
Non-members of COS, SOS	612 EUR	653 EUR
Teachers*	204 EUR	245 EUR
Postgraduate students [COS, SOS members]**	184 EUR	224 EUR
Postgraduate students [COS, SOS non-members]**	224 EUR	265 EUR
Accompanying persons	122 EUR	163 EUR
Orthodontic assistants	184 EUR	204 EUR
Dental technicians	184 EUR	204 EUR
General Dentists – 1 day	163 EUR	184 EUR
1 <sup>st</sup> Author of the Lecture	-	-
Honorary members of COS, SOS	-	-
Dental students ***	143 EUR	184 EUR

\*Members of the Czech or Slovak Orthodontic Society – orthodontic specialists, full time in the Orthodontic University Department with at least 3 education posts for postgraduate orthodontic students [written affirmation].

\*\* Dentists in the postgraduate education for orthodontics, who are full-time in University Orthodontic Department [certified by the Head of Orthodontic Department].

\*\*\* Dental students [certificate from the University needed]. The fee includes entrance to the congress for three days.

### CANCELLATION OF REGISTRATION

Dates	Cancellation fee
Before June 30, 2019	Administration fee 30 EUR
Between July 1 and August 14, 2019	50% registration fee
On or after August 15, 2019	No refund





## GENERAL INFORMATION

### REGISTRATION

Only registered participants will be admitted to the scientific section, exhibition, poster section and courses.

Registration of the pre-registered and new participants will be located in the lobby in the Hotel Crowne Plaza in Bratislava. Please check your congress materials upon presentation. Late claims cannot be accepted.

### REFRESHMENTS

Complimentary coffee and tea will be available in the exhibition area. Lunches will be provided in the hotel restaurant. Both are free of charge for registered participants of the congress.

### TRANSPORT SERVICE

Transport service to the congress venue will not be arranged.

### BADGES

Participants will receive a name badge. Everyone is requested to wear this badge during all congress activities. Cost of replacing a lost or mislaid badge: 4 EUR.

### CERTIFICATE OF ATTENDANCE

All participants will receive a certificate of attendance at the registration desk.

### WELCOME DRINK

Welcome Drink will take place in the **exhibition area in the Hotel Crowne Plaza Bratislava on September 19, 2019** and it's free of charge for all registered participants.

### SOCIAL EVENING FOR THE ORTHODONTIC ASSISTANTS AND DENTAL TECHNICIANS

Party will take place in the nightclub **Barrock**, Sedlárska street 1, Bratislava on **September 19, 2019**.

### PRESIDENT'S RECEPTION

President's Reception will take place in the **Castle Restaurant "Hrad"**, Námestie A. Dubčeka 1 [A. Dubček Square], Bratislava on **September 20, 2019**.

The event will be accompanied by band Happyband.

Transportation will not be arranged.

### EXHIBITION AREA

Exhibition will take place on September 19–21, 2019 in the Hotel Crowne Plaza Bratislava. Entry is included in the registration fee.

## ACCOMMODATION

GUARANT International [further referred to also as the Congress Secretariat] has been appointed as the official hotel accommodation agent and will handle all related arrangements.

**GUARANT International strongly advises all not to work with any unauthorized vendors/companies who may offer you hotel reservation services by phone / e-mail with "discounted congress rates" and try to obtain your personal data including credit card details.**

### List of hotels

Hotel	Price in EUR (SGL / DBL)	Distance to the Crowne Plaza Bratislava
<b>Crowne Plaza Bratislava ****</b>	<b>109 / 129</b>	<b>Conference venue</b>
<b>Falkensteiner Hotel Bratislava ****</b>	<b>111 / 133</b>	<b>5 min walk</b>
<b>Ibis Bratislava Centrum ***</b>	<b>87 / 89</b>	<b>8 min walk</b>

All rates quoted are per room per night including breakfast and 20% VAT. Should VAT change before the beginning of the Congress, the Congress Secretariat will automatically change the price of your hotel room and inform you in writing about the new rate.

Please note that price of accommodation is not included in the registration fees.

## THE CITY OF BRATISLAVA



The Capital of the Slovak Republic Bratislava, also referred to as the Beauty on the Danube can not only boast interesting history but it also is the centre of the most dynamically developing region of central Europe at present.

Bratislava (population 425,500), situated in the south-west of Slovakia stretches on both banks of the Danube and in the foothills of the Little Carpathian Mts. Thanks to this favourable position it was always a commercial centre.

Today the historic places witnesses to the rapid development of the young Slovak Republic. In spite of its exciting history, Bratislava is one of the youngest Capitals of the world and its population is also very young. The modern metropolis is opened to Europe and to the world as proved by the increasing number of foreign visitors of most diverse countries. They are attracted by the cosiness of the rather small city that nevertheless possesses a throbbing social life and historic charms combined with the most recent trends. Palaces, modern shopping and trade centres, admirable arts of the Slovak cooks and brewers, friendly people and various international cultural or sport events, exhibitions, and business opportunities are the reasons why it is worth of visit.

This strategically important place has often played a big role in the history of central Europe. In the 14<sup>th</sup> and 15<sup>th</sup> centuries Bratislava lived the period of rapid development in trade. After Turks penetrated deeper into the Kingdom, Bratislava was established the Capital of the Kingdom of Hungary, the seat of the Hungarian Diet, central administration and the coronation town of the Hungarian Kings and Queens. The city became the centre of cultural in the 19<sup>th</sup> century and the cradle of the Slovak national emancipation. After 1918 Bratislava became the centre of the political, economic and cultural life of Slovaks.

Bratislava now is the modern city and the seat of most important political, economic, social and scientific bodies and institutions.

One of the city dominants which can be seen from far distance is the Castle of Bratislava. The most attractive part of Bratislava is the Old Town where the most historical sights as well as cultural institutions are concentrated. Its tiny lanes offer an ideal atmosphere for romantic walks to those who love to follow signs of history in the middle of modern world. The significant structures in the historic centre of the city are all parts of the Monument Town Reserve.

### More information

More information can be found at [www.visitbratislava.com](http://www.visitbratislava.com).

### Interesting links

<http://slovakia.travel/en/bratislava-castle>

<http://slovakia.travel/en/in-the-streets-of-bratislavas-old-town>

<https://imhd.sk/ba/public-transport>

## MAILING ADMINISTRATION

### President

**MUDr. Irena Klímová**

E-mail: [president@kongrescos.cz](mailto:president@kongrescos.cz)

### Vice-president

**MUDr. Ivo Marek, Ph.D.**

E-mail: [vicepresident@kongrescos.cz](mailto:vicepresident@kongrescos.cz)

### Scientific secretariat

**MUDr. Josef Kučera, Ph.D.**

E-mail: [abstract@kongrescos.cz](mailto:abstract@kongrescos.cz)

### Organising secretariat

**GUARANT International spol. s r. o.**

**Jitka Puldová**

Na Pankráci 17

140 21 Prague 4

Czech Republic

Tel.: +420 284 001 444

Fax: +420 284 001 448

E-mail: [cos2019@guarant.cz](mailto:cos2019@guarant.cz)

### Congress website

[www.kongrescos.cz](http://www.kongrescos.cz)



## SPONSORS

General partner



Main partner



Partner



Medial partner



# MAP OF BRATISLAVA

- 1 CONGRESS VENUE**  
**Hotel Crowne Plaza Bratislava**  
Hodžovo nám. 2
- 2 SOCIAL EVENING FOR THE ORTHODONTIC ASSISTANTS AND DENTAL TECHNICIANS**  
**Nightclub Barrock**  
Sedlárska street 1
- 3 PRESIDENT'S RECEPTION**  
**Castle Restaurant "Hrad"**  
Námestie A. Dubčeka 1

