



# NEWSLETTER

INTERNATIONAL ORGANISATION FOR FORENSIC ODONTO-STOMATOLOGY

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## **Impressum**

URL: <http://iofos.eu>

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Dear Readers,

Time is running and the end of 2015 draws near. The second Newsletter of 2015 will inform you about several activities of the IOFOS and the national organizations too. The tragedies never seemed to end this year. We have seen many catastrophes this year. Terrorism is once again targeting France. We can only hope it will improve in 2016. We are looking forward to a better, more peaceful world.

Thank you very much for your activities to promote the Forensic Dentistry within the scientific world. Several congresses and meeting will take place next year and the board of IOFOS is hoping to meet many colleagues. You will get all information which is necessary.

At the end I wish you a Merry Christmas and a Happy New Year. All the best for you and your loved ones. May your wishes come true.

Yours,

**Ruediger Lessig**

## President's Page



Dear Friends and Colleagues,  
Christmas and the New Year are quickly approaching and friends and colleagues within the IOFOS family are currently exchanging best wishes and recalling the best things happened during this year. 2015 has been a relevant for IOFOS for many reasons. Firstly we are delighted to inform you that IOFOS now has 34 active member societies. It is my pleasure to welcome the most recent members: Associação Portuguesa de Ciências Forenses (APCF-Portuguese Association of Forensic Sciences) and Indonesian Society of Forensic Odontology (InaSFO).

As announced in the previous newsletter IOFOS is currently totally committed to organizing several scientific initiatives that will take place in 2016 and in 2017. The Intersocietal Symposium "Innovation, Unitariness and Evidence" promoted by IALM will be held In Venice, June 21-24, 2016 and IOFOS is one of the partners involved in the scientific program. The deadline (Dec 31) for submissions to IOFOS one-day conference and for registering for the IOFOS workshop draws near. In this newsletter you will find detailed information and updates will be provided in the next months by IOFOS website. I hope IOFOS session and workshop on "expert witness on age estimation" will be fostered by the participation of numerous colleagues from all around the world.

The IOFOS triennial conference will take place at the Catholic University of Leuven in 2017. Information will be disseminated through newsletter and dedicated mailing during 2016.

As you certainly noted the IOFOS website is partially renewed and all member Societies are invited to regularly communicate to IOFOS webmaster updates about reference people and data of IOFOS members. The most meaningful improvement n has been provided to electronic management of articles submitted for publication to Journal of Forensic Odonto-stomatology (JFOS). Even if the improvement is not perceivable to submitting authors, it greatly facilitated the work of JFOS Editor, Assistant Editor and webmaster in the publication process. IOFOS is proud of its journal that has stood for 30 years as the most important journal exclusively dedicated to Forensic Odontology. It is regularly indexed by Scopus and Pubmed and its ratings are improving according Scimago journal ranking. I would thank all authors and reviewers that have contributed to maintaining an active and vital journal and the readers whose downloads facilitated dissemination and citations. Please don't give up!

This year is approaching its end and I trust 2016 will be fruitful and remarkable for our community. I wish you Merry Christmas with your families and friends and the happiest New Year.

**Vilma Pinchi**

## From the National Societies

### The Netherlands - FMG – Forensisch Medisch Genootschap

The members of the Netherlands Society of Forensic Odontology were involved in the Malaysian Airways MH17 disaster in the Ukraine. All human remains were transported from the Ukraine to the Netherlands where DVI teams of many countries came together to assist us in the identification of the victims. Despite of the impact of the crash and the fall from about 10.000 meters more than 99% of the passengers were identified. A great result! Several victims had orthodontic appliances and of course we used the AM and PM orthodontic information for the identification. We, as Dutch DVI team, are convinced that we can use orthodontic information more often if we collect more specific orthodontic information.

In order to collect that specific orthodontic information Bert Slingenberg, forensic odontologist of the Dutch DVI team, developed AM and PM forms. These forms can be used as a supplement to the Interpol forms. Since the forensic odontologist who has to fill in the PM form is possibly not used to the names, therefore more images are added in this form compared to the AM form. We are convinced that we can achieve even better results than today, when we apply the specific orthodontic information in the Interpol forms.

#### **Frithjof Kroon, DDS, MD, Oral and Maxillofacial Surgeon, Forensic Odontologist**



***Bert Slingenberg***  
***forensic odontologist***  
***DVI-The Netherlands***  
Sloestraat 23  
4374BN Zoutelande.  
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[bs@zeelandnet.nl](mailto:bs@zeelandnet.nl)



AM.....

**ORTHODONTICS.**

Because of the identification of the victims from..... we want to receive information about your patient .

Name: .....

Born: .....

**Treatment finished** permanent retainer

No

Yes

Describe per jaw which teeth are involved with the retainer, the type of retainer and the material used and on which teeth the retainer is bonded. Photo if available !

Maxilla:.....

Mandible:.....

**Under treatment**

**Removable appliance**

Description of appliance. Photo if available!

**Fixed appliance:**

Type of archwire

s.s

nitinol or similar

not known

round wire size ..... (inches e.g 0.016 )

square or rectangular size.....(inches e.g 0.018x 0.018)

**Method of ligation:**

selfligating brackets

Wire ligatures

elastics...colour(s).....

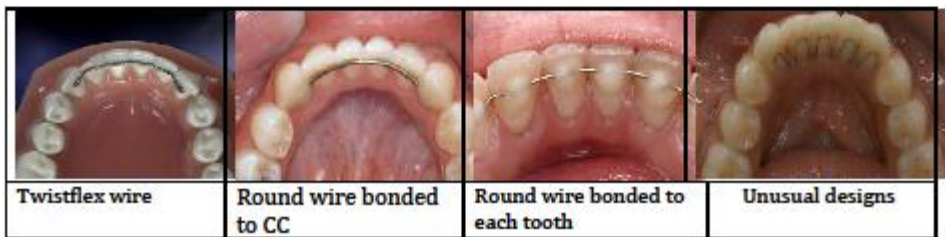
**P.M** ..... **ORTHODONTICS**

**O. Permanent Retainers**

Describe per jaw which teeth are involved with the retainer, the type of retainer, the material used and on which teeth the retainer is bonded.

Maxilla:.....

Mandible:.....



**0 Removable appliance:** Description of appliance. Photo !

**0 Fixed appliance:**

Type of archwire:                       s.s     nitinol or similar     not known

round wire size ..... inches (e.g 0.016 ) Use digital caliper !  
 square or rectangular size.....inches (e.g 0.018 x 0.018)

Method of ligation:

Selfligating brackets                       Wire ligatures                       Elastics...colour(s).....



## Indian Association of Forensic Odontology (IAFO)

The Indian Association of Forensic Odontology (IAFO) was formed in 2000 and was registered under the Indian Register of Societies in 2002. Over the past 15 years the Association has grown steadily in terms of outreach and membership. During the period January to December 2015, the IAFO welcomed 61 new members making a total of 348 Members. The IAFO Executive usually meets once every three months and it has met four times in the preceding 12 months—at Bengaluru (Bangalore) in January, at Salem in April, Chennai in July and Mysuru (Mysore) in September.

The IAFO has a six year old official publication (commenced in 2009 and currently in its 7<sup>th</sup> volume), the Journal of Forensic Dental Sciences. The tri-annual journal has published its second issue this year (May–August 2015), which is available at <http://www.jfds.org/currentissue.asp?sabs=n>. Since 2002, the IAFO has been organising National Conferences almost every year and this year the 13<sup>th</sup> Annual National Conference was on 19–20 September, at JSS Dental College in Mysuru, Karnataka, and attended by about 500 delegates from across the country.

The IAFO commenced a one-year Fellowship Programme, the Fellowship of the Indian Board of Forensic Odontology, over the last year. This produced its first batch of graduates — 27 in all — in September 2015. As part of the Fellowship programme, dentists complete a seven-day contact programme which includes hands-on case based training at the Department of Forensic Odontology, SDM College of Dental Science in Dharwad, and lectures by eminent and internationally trained forensic dentists. The dentists complete five forensic odontological cases during this and a sixth case is part of the evaluation. Five installments of reading material are provided to the trainees during the period which is used in another evaluated assignment, viz., an essay. A multiple choice question test completes the assessments.

The establishment of a National Forensic Odontology Registry was proposed, in collaboration with willing dental colleges from across India; this is intended to serve as a database of oral health records for use in post-mortem dental identification, accessible only to the IAFO when required for such a purpose. An MoU drafted by then President Dr. Samraj for developing the NRFO was approved unanimously for use as a trial for three months. This has received support from several universities and other private practitioners.

Apart from this, members of the IAFO have also been lecturing and serving as

resource faculty in workshops, further disseminating practical know-how amongst dentists and forensic professionals, as well as contributing to forensic dental casework in India.





**Dr. Ashith B. Acharya**

**Honorary Secretary, IAFO&Associate Professor**

## **Brazilian Association of Forensic Odontology (ABOL)**

### **Forensic Odontology DVI Training Program - Brazil**

Last October, in a partnership between Brazilian Federal Police DVI Group and Forensic Odontology Team (USP - University of São Paulo – School of Dentistry of Ribeirão Preto) and with institutional support of ABOL (Brazilian Association of Forensic Odontology), the 2<sup>nd</sup> DVI Training Program for to forensic odontologists in the INTERPOL Standard took place? This was directed at to forensic odontologists from the Brazilian states that will host the Olympic Games in Brazil next year, in order to develop skills to carry out activities related to dentistry in DVI situations: procedural standardization and systematization for emergency situations, based on the INTERPOL protocols and guidelines. The contents were based on DVI good practices and international standards, using as reference the INTERPOL DVI Guide and the Brazilian Forensic Odontology DVI guide, with theoretical and practical activities. The course structure had the following topics: (1) Disaster management

structure and identification teams; (2) INTERPOL methods and criteria on DVI; (3) Disaster management – exercise/cases; (4) PlassData system: how to use – exercises - cases; (5) Data collection and recovery – families and dentists / AM INTERPOL form / Practical activity; (6) PM data staff and procedures (skull exam; x-rays; photos) / Practical activity; (7) Comparison Activity – AM and PM forms / Dental ID report / Dental ID – results – criteria / Practical activity.



**RICARDO HENRIQUE ALVES DA SILVA (DDS, MSc, PhD)**

## Australian Society of Forensic Odontology (AuSFO)

The Society held its Symposium in Darwin in early November. The meeting was a great success with our speakers providing us with relevant and current information on a number of topics related to the theme-‘Coming of Age’.

Dr. David Senn our keynote speaker presented on topics ranging from Age Estimation, and DVI. Age estimation was also covered by several of our other speakers Prof. Kvaal and Prof. Ranta. The material covered both theoretical and practical aspects. DNA and CT scanning topics were also aired in the odontological aspects. Several practical workshops in DVI, age estimation and expert evidence in Australian courts were also held. The 60 + participants had a busy and interesting 3 days which finished with the Symposium dinner at the Darwin Convention Centre.

Whilst this has been the major focus for the Society in the latter half of 2015, the other major activity has revolved around preparation for a National Missing Persons Database and National DVI system, based on the roll out of Plass DVI Sys (currently V5). Whilst this may sound surprising to many residents of other countries, this is a major move for Australia, whilst a single country but divided by a constitution guaranteeing a that each state and territory be governed by their own set of laws. This has entailed the establishment of a consistency of rules requirements and methodologies across all the states and territories more so outside of Odontology but affecting us as well.

Thankfully all this has occurred at a time relatively free of any major events affecting Australia directly.

I will take this opportunity wish you all the very best for the festive season and a very happy New Year.

**Alain Middleton**

**President AuSFO**

## German Society of Forensic Odontostomatology (AKFOS)

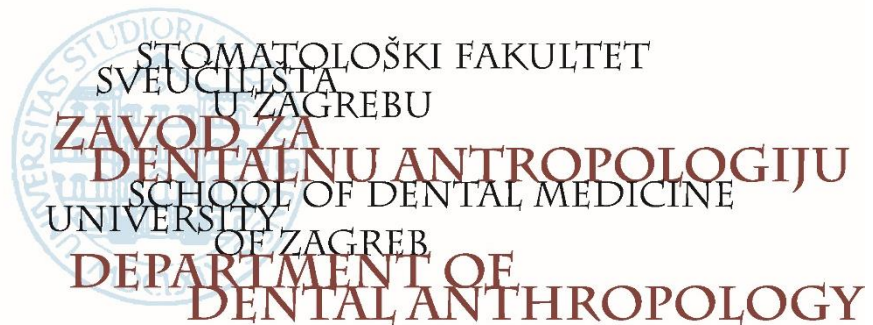
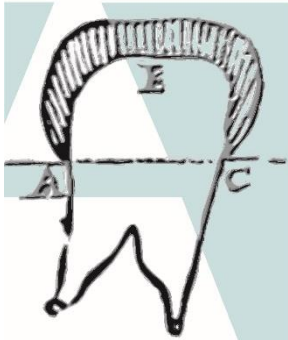
The 7<sup>th</sup> Training in Forensic Dentistry (see photos) in DVI took place during the first week of October at the Institute of Legal Medicine in Halle (Saale). It was organized by the German Society in cooperation with the DVI commission of the Bundeskriminalamt (German Federal Criminal Police) to familiarise the colleagues – dentists and dental secretary – with the new version of the DVI System International (Plass Data).

The annual meeting of the German Society of Forensic Odontostomatology took place this year at the congress of the German Dentists Day (Deutscher Zahnärztag) in Frankfurt/M. on 7<sup>th</sup> November 2015. Topics like standards of therapy, expert witness in cases of cranio-mandibular-dysfunction, the digital volume tomography, the specificity of the investigation of burned victims, the investigation of victims of assaults in a dental practice and age estimation were reported and discussed. The friends of the French Association of Forensic Odontology reported about the identification of the victims of the air crash in Mali last year. At the first week of December the 16<sup>th</sup> International Symposium Forensic Dentistry took place in Munich organized by the Medical Service of the German Armed Forces. Many international guests from all over the world attended and reported about their activities and experiences in the field of DVI and Forensic Dentistry.



**Prof. Dr. Ruediger Lessig**  
**President AKFOS**

## Forensic Meetings



Dear Colleagues,

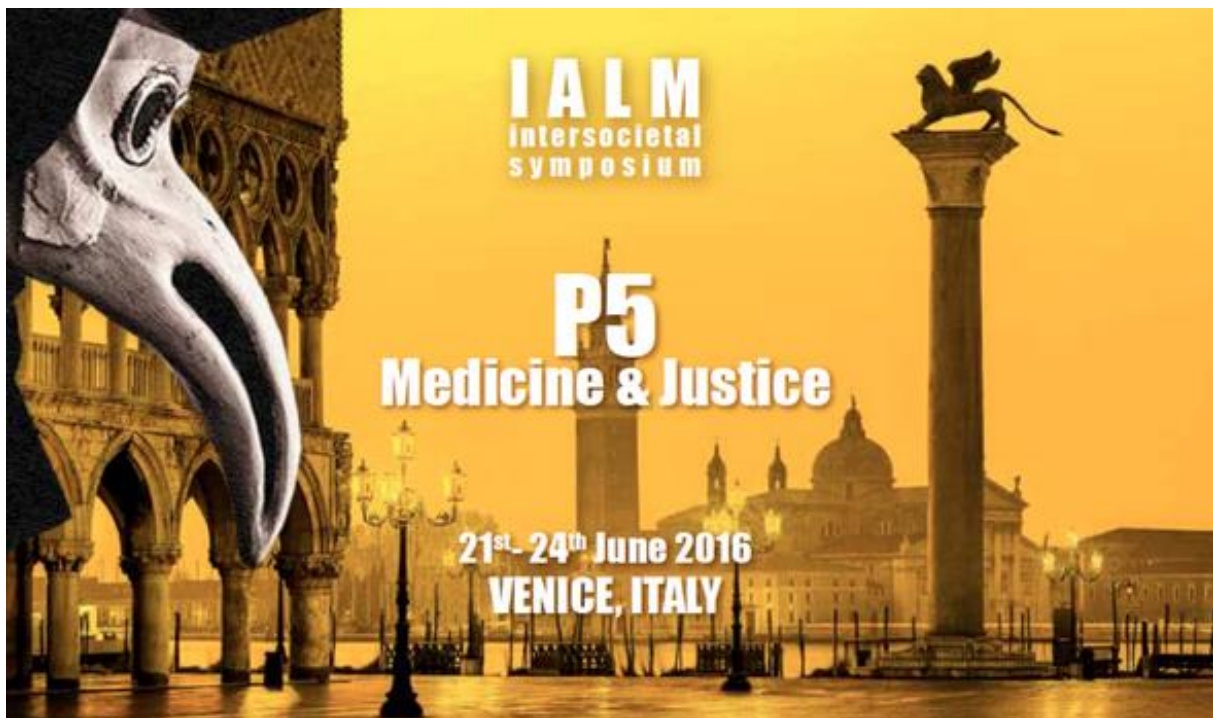
In 2016 we are going to celebrate the 50<sup>th</sup> anniversary of the establishment of the Department of Dental Anthropology, School of Dental Medicine, University of Zagreb. Department comprises Chair of Forensic Dentistry since 1997. The history of the Department is intermingled with the history and culture of Croatia, and is part of a European cultural heritage. We want to mark this jubilee with a scientific symposium entitled “**Dental Anthropology – Historical Perspectives and Current Trends,**” that will be held in **Zagreb, June 10 - 11, 2016**.

It is our great pleasure and honour to announce our guest lecturers. Professor **G. Richard Scott**, University of Nevada, Reno, USA, will present a full-day workshop on the Arizona State University Dental Anthropology System. The session on dental anthropology will be opened by our esteemed guest professor **Kurt W. Alt**, Danube Private University, Austria and Basel University, Switzerland. Our dear friend, teacher and guest professor over many years **Tore Solheim**, University of Oslo, Norway, will give a lecture on dental age assessment. The opening ceremony will be dedicated to the history of the Department. A preliminary programme is attached. More detailed information on the symposium will be provided on our website <http://dental-anthropology-symposium.sfzg.hr>.

On behalf of the Organizing Board, I invite you to join us and contribute a presentation on your research so we can make our jubilee an international festival of dental anthropology and history of dentistry.

We wish you a warm welcome!

**Jelena Dumančić,**  
President of the Organizing Board  
dumancic@sfzg.hr



**THE IOFOS SCIENTIFIC SESSION WITHIN THE 2016 IALM CONGRESS IN VENICE, ITALY**

As previously announced, IOFOS organizes a one-day event within the 2016 IALM INTERSOCIETAL SYMPOSIUM which will be held in Venice, Italy, June 21-24. The theme of the IALM Congress is Innovation, Unitariness and Evidence in Biomedical and Forensic Sciences (go to the website [www.ialm.info](http://www.ialm.info) for any further information). Other scientific partners of the IALM important event are the European Forensic Genetics Network of Excellence (EUROFORGEN-NoE), the New Mediterranean

Academy of Forensic Sciences (nMAFS), the American Board of Independent Medical Examiners (ABIME), the Association for European Cardiovascular Pathology (AECVP), the Asia-Pacific Medico-Legal Agencies (APMLA), the European Association for Forensic Entomology (EAFE), the European Council of Legal Medicine (ECLM), the European Workplace Drug Testing Society (EWDTTS), the International Association of Forensic Sciences (IAFS), the International Committee of the Red Cross (ICRC), the International Council on Alcohol, Drugs and Traffic Safety (ICADTS), the International Criminal Court (ICC), the Society of Hair Testing (SoHT) and the World Association for Medical Law (WAML).

During the Congress, there will be also a meeting of the MLOWG (Medico Legal Odontology Working Group), established during the last IALM conference in Dubai, January 2015, which focuses on the issues of legal-medicine in dentistry, such as negligence and malpractice, ethics, dental injury and dental damage assessment.

In addition, two workshops will be organized for 21st June, one by IOFOS (age estimation assessment and reporting; speakers: Prof. Patrick Thevissen and Dr. Francesco Pradella) and one by the IALM-MLOWG (dealing with the practical issues connected with expert witnessing and reporting; speakers: Prof. Yvo Vermylen, Prof. Vilma Pinchi, Avv. Gianni Comandè). The workshops will be held in an old building, previously a monastery, located on San Servolo island from which have a spectacular views of the city skyline and S. Marco square. Venice Convention centre is the venue of the symposium, Venice Lido, Palazzo del Casinò and Palazzo del Cinema, home of conventions, gala entertainment, fashion shows and a famous film festival.

Many abstracts from colleagues have already been received and forensic odontologists from around the world have shown interest in attending the IOFOS session, the MLOWG meeting and the symposium.

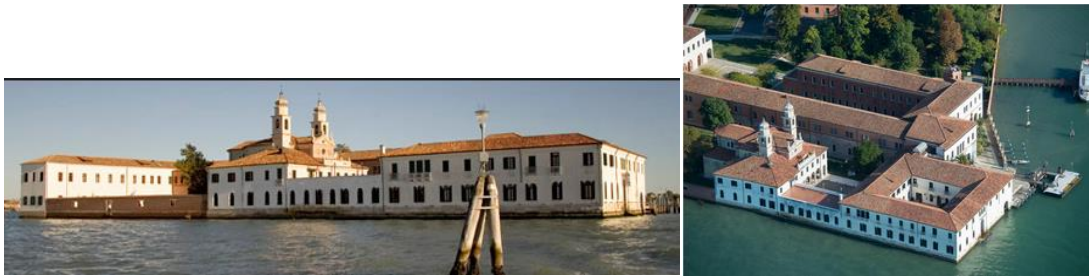
Yvo Vermylen, Vilma Pinchi, Rudiger Lessig, Hrvoje Brkic, Herman Bernitz, Patrick Thevissen and Ricardo Alves Da Silva are among the invited speakers.

The IOFOS Board encourages you to submit papers for oral presentations and posters dealing with the classic topics of forensic odontology and legal-medicine in dentistry e.g. Age estimation, Bitemarks, Body identification, DVI and mass disasters, Irregular immigration/human trafficking and living identification, Facial reconstruction and identification, Dental DNA, Dental Anthropology, Dental Radiology, Expert

witness, Reports, Education and qualification in forensic odontology, Dental terminology in forensic odontology, Guidelines, recommendations and standards, Dental negligence and malpractice, Dental injury and damage assessment, Dental insurance, Dental ethics.

We remind you that **the DEADLINE for abstract submission is 31 December 2015** and the response deadline is 15th February 2016.

IOFOS will be happy to assist you with submissions to the conference and welcome you in Venice



## THE IOFOS SCIENTIFIC CONFERENCE IN LEUVEN, BELGIUM

**IOFOS Scientific Conference**

Important Dates to mark on your calendar

Important Dates to mark on your calendar

Next  
**IOFOS CONFERENCE**  
will be held at  
**KU LEUVEN, Belgium**  
**SEPTEMBER 14-15, 2017**  
The day before and after (13-16)  
workshops will be established.

Important Dates to mark on your calendar

Important Dates to mark on your calendar

**Leuven, Belgium September 14-15, 2017**