



I.O.F.O.S. e- Symposium

December 2nd, 2023

2:00 pm CET

Young Investigators and Forensic Odontology Research

Session 1

Chairmans: Professor Vilma Pinchi (Italy) and Professor Hrvoje Brkic (Croatia)

Ilenia Bianchi (Italy)

Title - Post-mortem histological changes of dental pulp for Post-Mortem Interval estimation: pilot study

Mentors: Vilma Pinchi, Cristiana Palmela Pereira (Department of Health Sciences, University of Florence, and Faculty of Dental Medicine, University of Lisbon)

Biography: Ilenia Bianchi is a PhD Student in Legal Medicine at the University of Macerata, Tutor Master Course in Forensic Odontology and Research fellow in Legal Medicine at the University of Florence. Doctor Bianchi serves as reviewer for several international journals and has published several papers dealing with dental ID, age estimation, dental DNA in post-mortem interval evaluation, professional liability of the dentist. She lectures nationally and internationally.

Valon Nushi (Portugal, Croatia)

Title: Age Estimation through Learning Machine Approach

Mentors: Cristiana Palmela Pereira, Hrvoje Brkic, Rui Santos (School of Medicine, University of Lisbon and School of Dental medicine, University of Zagreb)

Biography: Valon Nushi, a Doctor of Stomatology from Kosovo. Currently, he is a PhD student at the Faculty of Medicine, University of Lisbon. Valon has a background in Dentistry, graduated in a Specialization Course in Forensic Odontology. He has also conducted significant research in the field of forensic odontology and has a strong history of involvement in various educational programs.

Ana Margarida Rodrigues (Portugal)

Title: Scoring systems and Dental Age Classification

Mentors: Cristiana Palmela Pereira, Rui Santos (School of Dental Medicine, University of Lisbon)

Biography: Ana Margarida Rodrigues, Master in Dental Medicine in the School of Dental Medicine from the University of Lisbon. Specialization course on Forensic Odontology. Junior Researcher of the CEAUL (Centre of Statistics and its Applications from the University of Lisbon) and FORENSEMED/UICOB. Invited Assistant in the School of Dental Medicine from the University of Lisbon.



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Session 2

Chairmans: Professor Cristiana Palmela Pereira (Portugal) and Professor Ashith Acharya (India)

Luka Banjšak (Croatia)

Title: Development of artificial models for sex and age determination from OPG-s in sub-adults

Mentors: Marin Vodanović, Hrvoje Brkić (University of Zagreb School of Dental medicine)

Biography: Luka Banjšak, Doctor of Dental Medicine, currently working as a teaching and research assistant at University of Zagreb School of Dental medicine. Former president of the European dental students' association, global healthcare enthusiast and forensic odontology researcher focused on artificial intelligence. Teaching and research assistant.

Victor Jacometti (Brazil)

Title - Age estimation via aspartic acid racemization in teeth

Mentor: Prof. Dr. Ricardo Henrique Alves da Silva (Ribeirão Preto School of Dentistry, University of São Paulo)

Biography - Dentist and Forensic Odontology Specialist - Ribeirão Preto School of Dentistry - University of São Paulo. MSc. and PhD Student at Ribeirão Preto Medical School - University of São Paulo.

Research topics: Forensic dental age estimation, forensic anthropology, human identification methods.

Paulo Henrique Viana Pinto (Brazil)

Title: Dental age assessment in adults: the role of systematic reviews and meta-analyses in providing scientific evidence

Mentor: Prof. Dr. Ricardo Henrique Alves da Silva (Ribeirão Preto School of Dentistry, University of São Paulo)

Biography: Dentist graduated from the University of the State of Piauí, post-graduated in Forensic Odontology from USP – Ribeirão Preto School of Dentistry, Master in Science and PhD Student from USP - Ribeirão Preto Medical School.



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Session 3

Chairmans: Professor Ricardo Silva (Brazil) and Professor Stefano Garatti (Italy)

Anika Kofod Peterson (Denmark)

Title: Automated use of 3D data in forensic odontology identification

Mentors: Line Staun Larsen, Palle Villesen (Department of Dentistry and Oral Health, Aarhus University and Department of Molecular Biology and Genetics - Bioinformatics Research Centre (BiRC))

Biography: B.Sc. Human Life Science Engineering, Technical University of Denmark (DTU), M.Sc. Biochemistry and Molecular Biology, University of Chinese Academy of Sciences (UCAS) M.Sc. Life Science Engineering and Informatics, Technical University of Denmark (DTU).

Nivia Mahadoon (India)

Title: Dental Age Estimation: A cross sectional study using Johanson's method

Mentors: S.K Padmakumar, R Heera, Ashith B Acharya (Thiruvananthapuram, Kerala, India and Alappuzha, Kerala, India)

Biography: I am Dr. Nivia M., currently working as Assistant Professor in the Department of Oral Pathology and Microbiology in Government Dental College, Thiruvananthapuram, Kerala, India. My PhD topic is registered to Kerala University of Health Sciences (KUHS), Thrissur, Kerala.

Menaka Naidoo (South Africa)

Title: Cognitive Bias: how it effects Bitemark analysis, and steps to mitigate against it.

Mentor: Prof Herman Bernitz (University of Pretoria)

Biography: Completed her PG Dip. in Forensic Odontology, at the University of Pretoria. She has been in practice since 2007, after qualifying with a BDS degree, from the University of the Witwatersrand.



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Scientific Committee:

Cristiana Palmela Pereira
Ricardo Henrique Alves da Silva
Hrvoje Brkic
Marin Vodanovic
Vilma Pinchi
Stefano Garatti
Ashith B. Acharya

Organizing Committee:

Cristiana Palmela Pereira
Ricardo Henrique Alves da Silva
Hrvoje Brkic
Marin Vodanovic
Vilma Pinchi
Stefano Garatti
Ashith B. Acharya
Ilenia Bianchi
Valon Nushi
Ana Rodrigues
Luka Banjsak
Victor Jacometti
Paulo Henrique Viana Pinto
Anika Kofod Peterson
Nivia Mahadoon
Menaka Naidoo