

ODONTOLOGY

Thursday

Morning Session

Moderator: TBD

Co-Moderator: TBD

- 9:00 AM – 9:15 AM **H1** **“There’s a First Time for Everything”**: Using Digital Dental Equipment in a Mortuary
*Camilla George, MSc, LLM**
- 9:15 AM – 9:30 AM **H2** **A New Algorithmic-Based Model for Sex Estimation in Forensic Identification**
Ilenia Bianchi, MSc; Giorgio Oliva, DDS; Vilma Pinchi, MSc; Beatrice Bellugi, DDS; Martina Focardi, MSc; Corrado Paganelli, DMD; Domenico Dalessandri, DMD*
- 9:30 AM – 9:45 AM **H3** **A Case Report of an Unusual Use of Dental Identification in a Homicide Case**
*John McDowell, DDS, MS**
- 9:45 AM – 10:00 AM **H4** **Looking Forward: From Periapical Film Identifications to Cone Beam Computed Tomography (CBCT) 3D Volume Identifications**
Robert Wood, PhD; Taylor Gardner, BFSc**
- 10:00 AM – 11:00 AM **BREAK**
- 11:00 AM – 11:15 AM **H5** **The Effect of Burning on Dental Tissue: A Macroscopic and Microscopic Investigation**
Michal Peer, MSc; Rachel Sarig, DMD, PhD*
- 11:15 AM – 11:30 AM **H6** **A Forensic Provenance of Anjala Skeletal Remains From Strontium Isotope (⁸⁷Sr/⁸⁶Sr) Analysis of Their Dental Enamel Samples**
Jagmahender Sehrawat, PhD; Vaughan Grimes, PhD*
- 11:30 AM – 12:00 PM **H7** **Murder! Who Does the Grillz Fit?**
*Corinne DANjou, DMD**
- 12:00 PM – 1:30 PM **BREAK**

Afternoon Session

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- 1:30 PM – 1:45 PM **H8** **The Applicability of Cameriere’s Third Molar Maturity Index on a French Orthopantomogram and Computed Tomography Scan Sample**
Olympe Mazieres, DMD; Eric Baccino, MD; Martrille Laurent, MD*
- 1:45 PM – 2:15 PM **H9** **Dental Age Assessment of United States Black and White Children: Performance Reliability of Harris and McKee (1990)**
Shanetha Collier, DDS, MA; James Lewis, DMD; Kathleen Kasper, DDS; Murray Marks, PhD; Robert Heidel, PhD*
- 2:15 PM – 2:45 PM **H10** **The Dental Age Estimation of Skeletal Remains: Interfacing the Shareware Program Gimp With Kvaal Dental Age Estimation (DAE) Quicksheets**
*Walter Zoller, DMD**
- 2:45 PM – 3:00 PM **H11** **The Development of Third Molars and Its Implications on Age Estimation in the Hispanic Population**
Jayakumar Jayaraman, PhD; Graham Roberts, MDS*

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3:00 PM – 3:30 PM		BREAK
3:30 PM – 4:00 PM	H12	The Impact of an International Reference Data Set and Ancestral Data Sets on Dental Age Estimation <i>Graham Roberts, MDS*</i> ; <i>Derek Draft, DDS</i> ; <i>Jayakumar Jayaraman, PhD</i> ; <i>Victoria Lucas, PhD</i>
4:00 PM – 4:15 PM	H13	The Impact of Ancestral Reference Data Sets of Third Molars on Dental Age Estimation <i>Victoria Lucas, PhD*</i> ; <i>James Lewis, DMD</i> ; <i>Kathleen Kasper, DDS</i> ; <i>Jayakumar Jayaraman, PhD</i> ; <i>Graham Roberts, MDS</i>
4:15 PM – 4:30 PM	H14	The Applications of X-Ray Microtomography (Micro-CT) in Studying Age-Related Tooth Morphological Changes: A Scoping Review <i>Muhammad Zaid Zainuddin, MMedSc*</i> ; <i>Tan Su Keng, PhD</i> ; <i>Noor Shafini Mohamad, PhD</i> ; <i>Mohd Yusmiaisil Putera Mohd Yusof, PhD</i>
4:30 PM – 4:45 PM	H15	Validation of Automated Dental Age Assessment <i>Salem Altalie, DDS, MSc*</i>

Poster Session

11:30 AM – 1:00 PM	H16	The Accuracy of Age Estimation and Assessment of the 18-Year Threshold Based on Second and Third Molar Maturity in Korean and Japanese Populations <i>Sang-Seob Lee, DPhil*</i>
11:30 AM – 1:00 PM	H17	Intraoral Digital Record Assessment as Forensic and Legal Evidence: From a Paradigm to Reality <i>Ana Corte-Real, PhD*</i> ; <i>Rita Ribeiro, BSH</i> ; <i>Tiago Nunes, MS</i>
11:30 AM – 1:00 PM	H18	Postmortem Interval (PMI) Estimation on Dental DNA Studied by Next Generation Sequencing (NGS): A Pilot Study <i>Angelica Zibetti, MD*</i> ; <i>Umberto Rosini, MD</i> ; <i>Matteo Sacco, MD*</i> ; <i>Martino Maesani, MD</i> ; <i>Carmen Scalise, PhD, MD</i> ; <i>Fabrizio Cordasco, MD</i> ; <i>Maria Manno, MD</i> ; <i>Saverio Gualtieri, MD*</i> ; <i>Pietrantonio Ricci, PhD, MD</i> ; <i>Isabella Aquila, PhD, MD*</i>
11:30 AM – 1:00 PM	H19	Teeth Hold Clues: A Unique Positive ID Case of Burned and Fragmented Remains <i>Megha Shah, DDS*</i> ; <i>Janice Klim Lemann, DDS</i>

Friday

Morning Session

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9:00 AM – 9:15 AM	H20	Report Writing Using Word Developer: A Streamlined and Systematic Approach to Comprehensive Documentation <i>Peter Marsh, DDS*</i> ; <i>J. Carol Geer, DDS</i>
9:15 AM – 9:45 AM	H21	Standards Development Activities in Forensic Odontology <i>Kenneth Aschheim, DDS*</i>
9:45 AM – 10:15 AM	H22	Bitemark Photographic Evidence: Recognizing the Limits <i>Derek Draft, DDS*</i> ; <i>D. Eric Johnson</i>