



TEPARG 2024: Barcelona College of Chiropractic, Spain. **Hybrid Meeting, Saturday March 2, 2024**

Format: in-person and online. **Abstract Talks:** 15mins + 5mins Q&A. **Time Zone:** Central European Standard Time

Theme: Artificial Intelligence and Digital Innovation in Anatomy Education

Lunch and Coffee Only: €20 per person (cash only) **Lunch, Coffee + Wine Tasting:** €35 per person (cash only)

Session 1: Artificial Intelligence

CHAIR: *Erich Brenner Medical University of Innsbruck, Austria*

10:00 Welcome and Introduction

Isabel Stabile, University of Malta, Malta, President of TEPARG

10:10 1. Keynote: Generative AI: A Blessing or a Curse for Learning, Teaching, and Assessment?

David Kennedy, Newcastle University, UK

11:00 2. Exploring Ethical Dimensions: AI-Driven Handwriting Forgery in Education

Anna Ffion Middleton, Cardiff University, UK

11:20 3. Integration of Bioengineering in Anatomy Knowledge: a 2.0 Education Towards Personalised Medicine

Andrea Porzionato, University of Padua, Italy

11:40 4. Performance and opinions of medical students on anatomy questions constructed by GPT-4

Nizameddin Fatih Karamus, Kocaeli University, Turkey

12:00 Coffee Break.....

12:10 5. Artificial Intelligence in Radiology: Augmenting Human Expertise or Replacing It?

Stanley Plant, Cardiff University, UK (Student)

12:30 6. Revolutionising Radiotherapy Using Artificial Intelligence

Tanya Enoch, Cardiff University, UK (Student)

12:50 7. Bridging the Gap: Exploring AI Solutions for Anatomy Education Transition from Further to Higher Education

Keziah Enoch, Cardiff University, UK (Student)

13:10 Lunch Break.....

Session 2: Cadaveric Anatomy Education

CHAIR: *Bernard Moxham Cardiff University, UK*

14:00 8. The Legal and Ethical Framework Governing Body Donation in Europe – 2nd update on Current Practice

Erich Brenner, Medical University of Innsbruck, Austria

14:20 9. Challenges in Upper Extremity Peripheral Vascular Access for the Ideal Educational Cadaver

Zygmunt Domagala, Wroclaw Medical University, Poland

14:40 10. Effectiveness of Binaural Beats at Reducing Anxiety Associated with Cadaveric Dissection

Liteboho Tlotliso Mosheshe, Stellenbosch University, South Africa (Junior/Student – TBC)

15:00 11. Outcomes and Satisfaction of Two Optional Cadaveric Dissection Courses: A 12-Year Prospective Study

Diogo Casal, Nova University Lisbon, Portugal

15:20 12. Attitudes of Medical Students toward Classical Greek and Latin for an Anatomical and Medical Vocabulary

Shiby Stephens, Cardiff University, UK

15:40 Coffee Break.....

Session 3: Digital Innovation

CHAIR: *Isabel Stabile, University of Malta, Malta*

16:00 13. Everyone Can Draw: Inclusive and Transformative Activity for Conceptualisation of Topographic Anatomy

David Hepworth, Newcastle University, UK (Student)

16:20 14. An Authentic Objectively Structured Practical Exam (OSPE) format Digital Anatomy Assessment

Asha Venkatesh, University of Aberdeen, UK

16:40 15. Exploring 3D Anatomy Plus: Premium Course Content for Healthcare Professionals and Educators

Iain Keenan, Newcastle University, UK

17:10 TEPARG Business Meeting, followed by Wine Tasting