

SCIENTIFIC PROGRAM

SESSION LECTURE

No. 40

Visible Human and Digital Medicine

Room: 307B

Co-Chairs: Shaoxiang Zhang



Joseph Stephen Alpert



Day 2 October 28th (Sunday) 13:30 – 17:00

Time	Speaker	Title
13:30-14:00	Shaoxiang Zhang <i>Army Medical University, China</i>	Architecture of structures in the urogenital triangle of yang adult males: comparison with females
14:00-14:30	Joseph Stephen Alpert <i>University of Arizona, USA</i>	Digital Electrocardiography: Personalized Medicine in Action
14:30-15:00	David Wortley <i>European Chapter of the International Society of Digital Medicine (ISDM), UK</i>	The Impact of Disruptive Digital Technologies on the Future of Medicine, Health and Well-being
15:00-15:30	Tea Break	
15:30-16:00	Qin M. Chen <i>The University of Arizona College of Medicine, USA</i>	Digitizing Human Genome for Effective Pharmacological Therapy
16:00-16:30	Jun Ouyang <i>Southern Medical University, China</i>	From Hand Made to Digital Made, Innovation of Anatomy
16:30-17:00	Chunming Li <i>University of Electronic Science and Technology, China</i>	Computational anatomy, image segmentation, and 3D visualization with clinical applications



Shaoxiang Zhang

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Prof. Shaoxiang Zhang currently is the director, Institute of Digital Medicine, Third Military Medical University (TMMU), President, International Society of Digital Medicine (ISDM). The aims of his research are to digitize the human body (visible human) and its applications, enclosing medical education, training and clinical medicine (digital medicine).



Joseph Stephen Alpert

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Professor of Medicine in the Department of Medicine at the University of Arizona (UA) College of Medicine, Tucson, United States. His research interests are wide and varied, but currently with a focus on the definition of myocardial infarction as well as digital medicine.



Jun Ouyang

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Director of Department of Anatomy & Medical Biomechanical Key Laboratory of Guangdong Province, Southern Medical University. His research interests include Bone biomechanics, clinical applied anatomy, bone and cartilage regeneration medicine.



David Wortley

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David is the CEO and Founder of 360 in 360 Immersive Experiences. He is an expert adviser to the European Union and an accredited business mentor. His specialist expertise is in the commercialisation of disruptive digital technologies.



Chunming Li

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Prof. Chunming Li is currently a full professor in Electrical Engineering at the University of Electronic Science and Technology of China (UESTC). His research interests include image processing, biomedical image analysis, 3D visualization, and their applications to medicine.



Qin M. Chen

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Professor of Pharmacology in the Department of Pharmacology at the University of Arizona College of Medicine, Tucson, Arizona, United States. Current research projects in Dr. Chen's laboratory include 1) cardiac protection using pharmacological and molecular approaches targeting Nrf2 transcription factor; 2) RNA structure for protein interaction and regulation of de novo protein translation under oxidative stress; and 3) genomic and proteomic methods for mechanistic studies and biomarker discovery.