

## INVITED LECTURERS DAVETLİ KONUŞMACILAR



**Iulian ANTONIAC**

Iulian Antoniac obtained his M.E., Ph.D. and Postdoc degrees in Materials Science at University Politehnica of Bucharest. Since 2002, he has been associated with the Medical Engineering program in the Faculty Materials Science and Engineering, University Politehnica of Bucharest, which is focused on biomaterials obtaining and characterization, medical image processing and the development of new implants for medical applications. Dr. Iulian Antoniac is the leader of the Biomaterials Group, head of the Biomaterials & Interface Phenomenon Laboratory, full professor at Faculty Materials Science and Engineering. He was appointed Vice Dean of Faculty Materials Science and Engineering and member of the Senate of University Politehnica of Bucharest in 2016. Dr. Antoniac has published widely, with over 200 papers published in peer-reviewed journals and conference proceedings, 7 patents, several books (like Handbook of Bioceramics and Biocomposites) and many invited lectures at conferences focused on biomaterials, bioceramics and materials science. In 2005, he received the Daniel Bunea Award from the Romanian Society for Biomaterials. Dr. Antoniac is currently Vice President and Council Member of the Romanian Society for Biomaterials (SRB), Former President and permanent Member of Executive Committee of the International Society for Ceramics in Medicine (ISCM).

Dr. Antoniac's research interests include: metallic biomaterials for orthopedic and dental applications, bioceramic coatings, biocomposites, retrieval analysis of explants, microscopy techniques for materials characterization, bone regeneration, physical and chemical characterization of nano- and micro- particles for biomedical application. Present areas of research work: bioceramics, biocomposites, biodegradable metallic biomaterials, surface modification, interaction tissue-biomaterials, biointerfaces, bone regeneration, retrieval and failure analysis of orthopedic and dental implants.