

Name and title: Associate Professor Egon Perilli

Current position: Associate Professor in Biomedical Engineering

Qualifications: PhD Bioengineering, *University of Bologna, Italy, 2006*
MSc Physics *University of Bologna, Italy, 2001*

Membership of professional bodies:

President (2018-2021) Australian & New Zealand Orthopaedic Research Society (ANZORS); Secretary 2015-2018
Executive, Australian & New Zealand Society of Biomechanics (ANZSB)
Member, European Society of Biomechanics (ESB)

Recent academic appointment record (last 10 years):

Senior Lecturer (2015-2019), Biomedical Engineering, Flinders
Senior Research Fellow (2011-2014), Biomedical Engineering, Flinders
Affiliate Lecturer, Adelaide Medical School, The Univ. of Adelaide (2011-)
Honorary Fellow, The Univ. of Melbourne (2014-)

Contributions to educational development:

Medical Physics ENGR7707, topic coordinator and lecturer since 2015. I developed, coordinated and lectured this topic in CSE since its inception
Biomaterials ENGR7702, topic coordinator and lecturer since 2015. I re-developed the topic aligning the lectures
Biomedical Instrumentation ENGR2742 and ENGR8742 GE, topic coordinator and lecturer since 2016; includes live demos of biomedical devices (for example: X-ray imaging, CT scanner, ultrasound)

Field of engineering research and publication count:

Biomedical Engineering:
52 peer-reviewed journal papers, 90 conference abstracts, 1 book chapter
Google h-index is 21, citations 2135

Previous industry appointments:

Application Scientist, Skyscan-Bruker (Belgium), micro-CT manufacturer
Research Scientist, Rizzoli Orthopaedic Institute, Bologna (Italy)

Collaboration and consulting with industry:

Micro-X Ltd, Tonsley; mobile CT scanner project
DePuy (USA); combining micro-CT and mechanical testing of implants
Consultancy for Adelaide Microscopy on micro-CT imaging
Consultancy for Thomson Scientific (VIC) (micro-CT distributor)

Other relevant professional activity:

Instrument Leader and Supervisor of the micro-CT (Nikon HTH 225 ST Computed Tomography) Laboratory in Flinders University at Tonsley, which I set up thanks to a successful ARC LIEF (CIA Perilli LE180100136); currently the largest cabinet micro-CT system in Australia