

Franz Konstantin FUSS



Bio:

Professor Fuss has a dual background in Medicine (Vienna University) and Engineering (University of Strathclyde). He is the professor of sports engineering at the School of Aerospace, Mechanical and Production Engineering at RMIT University in Melbourne, Australia, the Program Leader of the Innovative Engineering Systems Program at the Platform Technologies Research Institute (PTRI) at RMIT, and the Project Leader of the SportzEdge / Sports Technology and Engineering Research Program at PTRI). He is also the Program Director of the MSc. Int'l Sports Technology Program, the first postgraduate Sports Technology/Engineering program in the southern hemisphere, the Editor-in-Chief of SPORTS TECHNOLOGY (<http://www.tandf.co.uk/journals/rtec>), the first editor of the Routledge Handbook of Sports Technology and Engineering, the first book of this kind ever published, and a Co-Director of the Australian Sports Technology Network. From 2006-2012, he was a member of the Executive Committee of the International Sports Engineering Association (ISEA), and he is currently the secretary of the International Rock Climbing Research Association.

His research interests encompass smart and instrumented equipment (sports balls, climbing holds, wheelchairs, sports shoes, helmets, sensor-less sensing, etc.), non-linear engineering (visco-elasticity, friction, vibrations), sports aerodynamics (skiing, garments, horse racing), and advanced manufacturing.