

Dr. Roberto Sabatini, Lecturer in Avionics, Cranfield University

Dr Roberto Sabatini has over 22 years of professional experience in Research, Development, Test and Evaluation (RDT&E) of Aerospace Electronic Systems for Military and Civil applications. He is an expert in the design, integration, test and certification of Aerospace Sensors and Integrated Systems, with specific hands-on competence in advanced Avionics and CNS/ATM systems, including GNSS, RADAR, IR/EO, SATCOM, Data Links and Route Planning/Trajectory Optimisation. Dr Sabatini graduated with a PhD in Avionics Electro-Optical Systems from the Department of Aerospace, Power and Sensors of Cranfield University (2003). He also obtained a third level Doctor of Engineering degree in Astronautics from Rome University "La Sapienza" and an MSc in Navigation Technology from the University of Nottingham (1997). Dr Roberto Sabatini served several years as a Military Officer (Lieutenant Colonel), Flight Test Engineer (Electronic and Avionic Systems) and Acquisition Manager in the Air Force/MoD and in the US Department of Defence (Joint Program Executive Office for Joint Tactical Radio System – MIDS International Program Office). Dr Sabatini was awarded several professional and scientific recognitions both nationally and internationally. These included various Service Achievement Awards, Military Decorations and the NATO Research and Technology Organization (RTO) Scientific Achievement Award in 2008. Dr Sabatini published numerous scientific papers, technical volumes, textbooks and research reports on avionics sensors, communications, electro-optics, CNS/ATM and satellite navigation systems, focusing on various aspects of design, integration, verification and certification.