



Prof. Mirko Kovac
Aerial Robotics Laboratory at Imperial
College London

- Prof. Mirko Kovac is Director of the Aerial Robotics Laboratory at Imperial College London and the Head of the Materials and Technology Centre of Robotics at the Swiss Federal Laboratories for Material Science and Technology (EMPA) in Switzerland. His research focuses on the development of novel flying robots for distributed sensing and autonomous robotic construction for digital infrastructure systems.
- Prof. Kovac's particular specialisation is in Physical Artificial Intelligence, hardware design and multi-modal robot mobility.
- Before his appointment in London, he was a post-doctoral researcher at the Harvard Microrobotics Laboratory as part of the Wyss Institute for Biologically Inspired Engineering at Harvard University in Cambridge, USA. He obtained his PhD with the Laboratory of Intelligent Systems at the Swiss Federal Institute of Technology in Lausanne (EPFL). He received his M.S. degree in Mechanical Engineering from the Swiss Federal Institute of Technology in Zurich (ETHZ) in 2005. During his studies, he was a research associate with the University of California in Berkeley USA, RIETER Automotive Switzerland, the WARTSILA Diesel Technology Division in Switzerland, and CISERV in Singapore.
- Since 2006, he has presented his work at numerous international conferences and in journals and has won several best papers and best presentation awards. Also, he is an invited member of the scientific advisory board of the Lifeboat Foundation, has been an invited lecturer at more than 20 research institutions worldwide and has been a representative speaker on education and innovation at the World Knowledge Dialogue Symposium 2008 and the EPFL Didactic Days Conference 2008.