

ITALY Delegation

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Virgilio Mattoli received his Laurea degree in chemistry (with honours) from the University of Pisa and the Diploma in Chemistry from the Scuola Normale Superiore of Pisa in 2000. In 2005 he received his PhD in bio-engineering (with honours) from Scuola Superiore Sant'Anna, with a thesis focused on the control and integration of miniaturized devices for environmental application. In 2004 he was visiting researcher at the University of Stanford, Center for Design Research, where he focused his activity on sensors and controls modules for biomimetic robotics applications. In 2005 and 2008 he was a short term visiting researcher at Waseda University (Tokyo, Japan) working on a bio-inspired mini-robot and on development of ultra-conformable polymeric films. From June 2008 to October 2009 he obtained a temporary position of Assistant Professor of bioengineer engineering at the Scuola Superiore Sant'Anna (SSSA). From November 2009 to July 2015, he has been a Team Leader of the Smart Materials Platform in the Center for Micro-BioRobotics @SSSA of the Istituto Italiano di Tecnologia. In August 2015, he obtained a permanent position of Senior Researcher Technologist at the Center for Micro-BioRobotics @SSSA of the Istituto Italiano di Tecnologia. His main research interests include: smart and bio-inspired materials, nanomaterials, ultra-thin polymeric films, thin film sensors, sensor conditioning, miniaturised acquisition system and biorobotics. He is currently involved in several research projects on these topics. He is author or co-author of more than hundred articles on ISI journals, of more than forty full papers published in peer-reviewed international conferences proceedings and of several deposited patents.