Dr. **Calogero Maria Oddo** (gender: male, date of birth: May 10, 1983) is **Assistant Professor of Bioengineering** at **Scuola Superiore Sant'Anna (SSSA)**, Pisa, Italy, and **head of the Human Machine Nexus Laboratory at The BioRobotics Institute**, coordinating a team of 13 research fellows. He is tutor of 6 PhD students in biorobotics, and he supervised several BSc and MSc Theses on bioengineering topics.
Under the mentoring of Prof. Maria Chiara Carrozza he obtained, **all with honours**: **PhD in BioRobotics from SSSA** (graduated in May 2011, admitted in January 2008 first in the ranking of candidates to the BioRobotics programme), **MSc and BSc in Electronic Engineering from University of Pisa** (in July 2007 and July 2005, respectively, first student graduating in the Master and Bachelor courses), **2nd and 1st level degrees in Industrial and Information Engineering from SSSA** (admitted in September 2002 to a selective programme with 10 positions and 334 applicants, confirmed in 2005 as first in the ranking of SSSA engineering students).
He attended courses, with maximum marks, on eBusiness in the digital age at the London School of Economics and Political Sciences. He was visiting PhD student at the Department of Physiology of University of Gothenburg.
He has a **growing track record in integrating biorobotics and neuroscience, and in this field he is co-authoring high-impact publications indexed in Q1 of Scimago categories** (Science Translational Medicine, IEEE Transactions on Robotics, PLOS One, Sensors and Actuators A, Sensors, Frontiers in Neurorobotics, Robotics and Autonomous Systems, Mechatronics)**.** He has **H-index 10 in Google Scholar and 9 in Scopus**. He has one PCT application (all claims accepted in the National phase) and two Italian patent applications.
At SSSA he holds courses for undergraduate (FPGA logics) and PhD (Neuromorphic engineering and tactile sensing) students, and he is **scientific responsible of the BioRobotics section of the 2013 and 2014 editions of the second level master "Smart Services–Smart Communities" funded by Telecom Italia company** (www.sssup.it/sssc).
He gave invited lectures in leading Universities such as École polytechnique fédérale de Lausanne, Lund University, Université Pierre et Marie Curie in Paris, Scuola Internazionale Superiore di Studi Avanzati in Trieste, Politecnico di Torino.
He has a growing portfolio of successful research grants and he is co-PI and WP leader within **2 EU-FP7 projects** (Nanobiotouch coordinated by Prof. Michael Adams; Nebias coordinated by Prof. Silvestro Micera) and **4 National projects** (HandBot PRIN, Ministry of Universities, Education and Research, coordinated by Prof. Eugenio Guglielmelli; NEMESIS, Ministry of Health, coordinated by Prof. Silvestro Micera; PARLOMA Smart Cities and Social Innovation, Ministry of Universities, Education and Research, coordinated by Dr. Marco Indaco; Intelligent Factory National Cluster, Ministry of Universities, Education and Research, coordinated by Prof. Tullio Tolio). He is the recipient of the **Working Capital grant** with the SensAlone project, funded by Telecom Italia company (30 grants, 2133 applicants). So far, 31 years old, he had scientific responsibility on 1,023 M€ research funds secured after application to competitive calls.
After the PhD graduation he served for two years as chief assistant, jointly with Dr. Nicola Vitiello, of the Coordinator – Prof. Paolo Dario – of the FET Flagship Candidate RoboCom, and in this quality he gained management skills and also represented the Coordinator in high-level meetings with EC Officers and with members of the other FET-F pilot actions.
He regularly serves as a reviewer for international conferences in the field of bioengineering and biorobotics, and for 18 international scientific journals. He was appointed to serve as a reviewer for grant proposals presented within the Regenerative Medicine Initiative of the Britain Israel Research and Academic Exchange (BIRAX) Partnership. He is review editor of Frontiers in Neurorobotics journal, he was program committee member of the 2013 editions of the International Congress on Neurotechnology, Electronics and Informatics

(NEUROTECHNIX), and of the Towards Autonomous Robotic Systems (TAROS) conference. He is member of the editorial board of the Automazione Integrata Italian industrial magazine.
In 2006 he was awarded by the SSSA Alumni Association with the BioRobotics prize for his Bachelor thesis, in 2009 he was finalist for the Best Student Paper Award at the IEEE Conference on Robotics and Biomimetics, and in 2012 **he was finalist in the "Georges Giralt PhD Award", the most important European PhD award in robotics, organized by EURON, the "EUropean RObotics research Network".**
His research interests are in the bioengineering and biorobotics field, with a particular focus on the neuro-robotics area (http://sssa.bioroboticsinstitute.it/research/neurorobotics): specific research topics include implantable medical devices, cybernetic prostheses and biomechatronic systems, tactile sensing and artificial skin, human touch neurophysiology, neuromorphic engineering, safe human machine integration in the workplace.