

CARLO BAGNATO

www3.imperial.ac.uk/humanrobotics/people/carlobagnato

Carlo Bagnato received his BSc in Bioengineering from Polytechnic of Turin, and his MSc in Neuroengineering and Cognitive Sciences from University of Genoa. Now he is an Early Stage Researcher and PhD student under the supervision of Professor Etienne Burdet at the Human Robotics Group, Imperial College London. He is currently working on bimanual and human-human collaborative motor control, and he is investigating the neural mechanisms of tactile sensing. In particular, his research studies focus on the nociceptive component of touch, and he carries out experiments to develop computational models of pain mechanisms.

2013 - present **Early Stage Researcher / PhD Student**
Human Skin Sensing and Computational Models of Pain Mechanisms
Human Robotics Group, Imperial College London, UK

2010 - 2012 **MSc in Bioengineering (Curriculum of Neuroengineering and Cognitive Sciences)**
(with the grade of 110 out of 110, cum laude) - University of Genoa, ITALY, December 2012

Final Project (Advisors: Dr Alejandro Melendez-Calderon, Prof Etienne Burdet, Prof Vittorio Sanguineti): *"Bimanual and Human-Human Collaborative Motor Control"*

Courses included:

- Neuroengineering
- Anthropomorphic Robotics
- Neuromotor Control
- Perceptive Systems
- Computational Neuroscience
- Biomedical Signal Processing
- Natural and Artificial Intelligent Systems
- Software Technologies for Bioengineering

2006 - 2010 **BSc in Biomedical Engineering**
(with the grade of 106 out of 110) - Polytechnic University of Turin, ITALY, March 2010

Final Project (Advisor: Dr Gabriella Balestra): *"Acquisition Process of Handheld Portable Pulse Oximeters and Pulse Oximeter Sensors Supported by AHP Method"*

Courses included:

- Signal analysis
- Electronics
- Medical informatics
- Biomedical instrumentation
- Quantitative physiology
- Medical images
- Biomechanics
- Engineering in clinical medicine and surgery

2001 - 2006 **Scientific High School Degree** (Final exam mark: 100 out of 100)
F.Vercelli Scientific High School, Asti, ITALY, July 2006