CURRICULUM VITAE

Tito Bassani, PhD

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PROFESSIONAL ACTIVITY

Competences
Researcher in bioengineering. Research projects coordinator.
Experienced in the development of advanced algorithms for biomedical signal processing and in musculoskeletal modeling techniques mainly applied to the characterization of the human spine.

Research activity
Author/co-author in 30 scientific publications in international peer-reviewed journals, and in more than 30 international conferences contributions.
h-index=12 (source: Scopus, 14th Nov 2017)

Awards
Jul 2016, Travel Award from the European Society of Biomechanics (ESB) for the contribution at ESB conference 2016, Lyon, France.

Professional qualification
Apr 2007, State qualification for the Engineering Profession
Polytechnic of Milan, Milan, Italy

PROFESSIONAL EXPERIENCE

Sep 2014 – present, *Senior researcher*
IRCCS Galeazzi Orthopaedic Institute, Milan, Italy

Gen 2014 – Jul 2014, *Post-doctoral fellowship*
Department of Electronic Engineering, UFMG, Belo Horizonte, Brasil

Gen 2013 – Dec 2013, *Researcher*
IRCCS Humanitas Clinical Institute, Rozzano, Italy

Oct 2009 – Dec 2013, *Contract Professor (Physics teaching)*
Faculty of Medicine, University of Milan, Milan, Italy

Gen 2011 – Dec 2012, *Research fellow*
Department of Biomedical Sciences for Health, University of Milan, Milan, Italy

Jul 2009 – Dec 2010, *Researcher*
IRCCS Galeazzi Orthopaedic Institute, Milan, Italy

Dec 2007 – Jun 2009, *Grant recipient*
Department of Perioperative Medicine and Intensive Care, San Gerardo Hospital, Monza, Italy

EDUCATION AND TRAINING

<u>Mar 2012</u>, *Doctoral degree (PhD) in Bioengineering*
Department of Bioengineering, Polytechnic of Milan, Milan, Italy

<u>Apr 2007</u>, *Master's Degree in Biomedical Engineering*
Department of Bioengineering, Polytechnic of Milan, Milan, Italy

<u>Oct 2015</u>, Grantsmanship course
IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy.

<u>Nov 2014</u>, Clinical Practice Methodology course
San Raffaele Hospital, Milan, Italy.

ADDITIONAL INFORMATION

<u>Languages</u>
Italian: mother tongue
English: level C1 (proficient user)

<u>Technical skills</u>
Programming languages and software:
MATLAB, LabVIEW, AnyBody, SigmaPlot