

CURRICULUM VITAE



PERSONAL INFORMATION

First Name/Surname

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
- Occupation or position held
- Main activities and responsibilities

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STEFANO ROSSI

11/01/2019 – today
Department of Economics, Engineering, Society, and Business Organization of University of Tuscia
Associate Professor
Didactical and Research activities in ING-IND/12 “Mechanical and Thermal Measurements”

11/01/2016 – 10/01/2019
Department of Economics, Engineering, Society, and Business Organization of University of Tuscia
Assistant Professor (RTD/B)
Didactical and Research activities in ING-IND/12 “Mechanical and Thermal Measurements”

14/06/2012 – 11/01/2016
Department of Economics, Engineering, Society, and Business Organization of University of Tuscia
Assistant Professor (RTD/A)
Didactical and Research activities in ING-IND/12 “Mechanical and Thermal Measurements”

01/06/2010 – 13/06/2012
Department of Mechanical and Aerospace Engineering of “Sapienza” University of Rome
Researcher
Didactical and Research activities in ING-IND/12 “Mechanical and Thermal Measurements”

01/11/2008 – 30/04/2009
Department of Mechanical Engineering del Massachusetts Institute of Technology (MIT)
Research Scholar
Development of a pediatric version of a device for the ankle rehabilitation (Anklebot)

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01/01/2008 – 31/05/2010
 Pediatric Hospital “Bambino Gesù” IRCCS
Postdoctoral Research Fellow
 Research activities in the biomedical engineering field

ACADEMIC AWARDS AND HONORS

- | | |
|--|---|
| <ul style="list-style-type: none"> • Dates • Description | <p>2021 – today
 Dean of the Engineering and Design Courses at Department of Economics, Engineering, Society, and Business Organization of University of Tuscia</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2021 – today
 Member of the “Presidio Qualità” of the University of Tuscia</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2021 – today
 Member of the Scientific Board of the National PhD Program in “Artificial Intelligence – AI for Health and Life Science”; member of the University of Tuscia</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>01/2019
 Winner of the “Mobility agreement for teaching” in the Erasmus+ program 2018/2019</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>08/2018
 National Scientific Qualification as Full Professor in “Mechanical and Thermal Measurements” (SC: 09/E4 – Measurements)</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2018 – 2021
 Coordinator of master’s degree course in Mechanical Engineering at Department of Economics, Engineering, Society, and Business Organization of University of Tuscia</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2018
 Winner of the “Research Price DEIM 2015-2018” awarded by the Department of Economics, Engineering, Society and Business Organization – University of Tuscia, Viterbo – Italy</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2017
 Winner of the “FFABR” grant awarded by ANVUR as reported in L. 232/2016</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2016 – 2021
 Member of the Scientific Board of the PhD Program in “Engineering for Energy and Environment” of the University of Tuscia</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2016 – 2018
 Member of the Academic Senate of the University of Tuscia</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>01/2015
 National Scientific Qualification as Associate Professor in “Mechanical and Thermal Measurements” (SC: 09/E4 – Measurements)</p> |
| <ul style="list-style-type: none"> • Dates • Description | <p>2013 – 2017
 Quality assurance manager of the course in Industrial Engineering at Department of Business and Management – University of Tuscia.</p> |

EDUCATION

- Dates (from – to)
 - Institution
 - Qualification

04/2008
University of Padua
PhD in “Mechanical Measurements for Engineering”

- Dates (from – to)
 - Institution
 - Qualification

25/10/2004
Sapienza University of Rome
Five years degree in Mechanical Engineering (110/110 cum laude)

TEACHING ACTIVITIES

- Dates (from – to)
 - Institution
 - Class

2015 – today
Department of Economics, Engineering, Society, and Business Organization of University of Tuscia
Sensors and Data Acquisition Systems (Master’s degree) 9 CFU

- Dates (from – to)
 - Institution
 - Class

2014 – today
Department of Economics, Engineering, Society, and Business Organization of University of Tuscia
Mechanical and Thermal Measurements (Bachelor’s degree) 9 CFU

- Dates (from – to)
 - Institution
 - Class

2011 – 2012
Sapienza University of Rome
Mechanical and Thermal Measurements (Bachelor’s degree) 6 CFU

- Dates (from – to)
 - Institution
 - Class

2010 – 2011
Sapienza University of Rome
Micro/nano sensors (Master’s degree) 6 CFU

- Dates (from – to)
 - Institution
 - Class

2010 – 2011
Sapienza University of Rome
Seminars - **Mechanical Measurements II** (Master’s degree)

- Dates (from – to)
 - Institution
 - Class

2006 – 2013
Sapienza University of Rome
Seminars - **Industrial Measurements** (Master’s degree)

- Dates (from – to)
 - Institution
 - Class

2005 – 2013
Sapienza University of Rome
Seminars - **Biomechanics** (Bachelor’s degree)

- Dates (from – to)
 - Institution
 - Class

2005 – 2011
Sapienza University of Rome
Seminars – **Measurements in Clinics** (Bachelor’s degree)

**MEMBER OF SCIENTIFIC
COMMITTEES AND EDITORIAL
BOARDS**

- Dates (from – to)
 - Task2019 – today
Topic Editor of Sensors
- Dates (from – to)
 - Task2019 – today
Guest Editor of Special Issue "Sensor-Based Systems for Kinematics and Kinetics" published in Sensors
- Dates (from – to)
 - Task08/2018
Chairman at "IEEE International Conference on Biomedical Robotics and Biomechatronics" session "Neurobotics 1"
- Dates (from – to)
 - Task2017 - today
Lead Guest Editor of the Special Issue on "Muscle Synergies: Use and Validation in Clinics, Robotics, and Sports" published in Applied Bionics and Biomechanics
- Dates (from – to)
 - Task08/2014
Member of the Best Student Paper Award Committee of the IEEE International Conference on Biomedical Robotics and Biomechatronics
- Dates (from – to)
 - Task08/2014
Chairman at "IEEE International Conference on Biomedical Robotics and Biomechatronics" session "Mobility Assistance"
- Dates (from – to)
 - Task07/2017
Associate Editor of the 15th IEEE Conference on Rehabilitation Robotics (ICORR 2017)
- Dates (from – to)
 - Task11/2015
Member of the Scientific Committee of the International Conference on Sensors Engineering and Electronics Instrumental Advances.
- Dates (from – to)
 - Task2015 - today
Guest editor of Sensors & Transducers Journal – IFSA
- Dates (from – to)
 - Task08/2015
Associate Editor of the 14th IEEE Conference on Rehabilitation Robotics (ICORR 2015)
- Dates (from – to)
 - Task09/2014
Member of the Scientific Committee of the ESMAC & SIAMOC – Clinical Movement Analysis World Conference
- Dates (from – to)
 - Task09/2014
Chairman at "ESMAC & SIAMOC – Clinical Movement Analysis World Conference" session "Upper limb analysis"

FUNDED PROJECTS AS PRINCIPAL INVESTIGATOR

- Date
- Grant or funding enterprise
- Project
- Position

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2020

INAIL – BRIC 2019

Development of a haptic exoskeleton for upper arm (SIDE)
PRINCIPAL INVESTIGATOR of the University of Tuscia Research Unit

2020

Walter Tosto Spa

Study of integrity of 10 tanks by means of non-destructive tests
Principal Investigator

2019

Horizon 2020 – "European robotic framework for bipedal locomotion benchmarking" (EUROBENCH FSTP-1)

Balance Evaluation Automated Testbed (BEAT)
Principal Investigator of the University of Tuscia Research Unit

2018

POR FESR Lazio 2014-2020 – Green and Smart Building

Building Efficiency System by Television (BES/T)
Principal Investigator of the University of Tuscia Research Unit

2018

Walter Tosto Spa

Study of integrity of 10 tanks by means of acoustic emission measurements
Principal Investigator

2017

Motustech Srls

Objective quantification of the number of technical actions carried out during a work cycle by means of inertial and resistive sensors
Principal Investigator

- Date
- Grant or funding enterprise
- Project
- Position

- Date
- Grant or funding enterprise
- Project
- Position

REVIEW ACTIVITIES

2016

PCORI Patient-Centered Outcomes Research Institute

A multicentric randomized pragmatic trial to compare the effectiveness of fingolimod versus dimethyl-fumarate on patient overall disease experience in relapsing-remitting multiple sclerosis: novel data to inform decision-makers
Principal Investigator of the University of Tuscia Research Unit

2016

A.I.P.E. (Italian Association of Pressure Equipment)

Study of integrity of 5 tanks by means of acoustic emission measurements
Principal Investigator

Applied Bionics and Biomechanics
Frontiers in Sports and Active Living
Frontiers Human Neuroscience
Mechatronics
IEEE Sensors Letters
Robotics and Autonomous Systems
Gait & Posture
Electronics
IEEE Transactions on Neural Systems and Rehabilitation Engineering
Journal of Rehabilitation and Assistive Technologies Engineering
Sensors
Physiological Measurement
Journal of Intelligent and Robotic Systems
Transactions on Mechatronics
Measurement Science and Technology

PATENTS

- Date
- Number
- Title

2017

National Patent – N. 102017000062668
Device for the detection of faults during race walking

- Date
- Number
- Title

2015

National Patent – N. 102012902099125
Powered orthosis for the rehabilitation of knee and ankle

01/03/2022

prof. Stefano Rossi

