

Curriculum vitae

Personal Information

Last name, first name: Mazo Espinosa (aka Mazo Jr.), Manuel
Date of birth: 03-05-1979
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Education

2010 PhD in Electrical Engineering
University of California, Los Angeles (UCLA), Los Angeles, USA
2007 MSc in Electrical Engineering (Minor in Applied Mathematics)
University of California, Los Angeles (UCLA), Los Angeles, USA
2003 MSc (Civilingenjör) in Electrical Engineering
Royal Institute of Technology (KTH), Stockholm, Sweden
2003 MSc (Ingeniero) in Telecommunications Engineering
Polytechnic University of Madrid (UPM), Madrid, Spain

Current position

2018- Associate Professor (“Universitair Hoofddocent”)
today Delft Center for Systems and Control, TU Delft, Delft, The Netherlands

Previous positions

2012-2018 Assistant Professor (“Universitair Docent”) on Tenure Track
Delft Center for Systems and Control, TU Delft, Delft, The Netherlands
2014 Guest Professor
Hybrid Control Systems group, TU München, Munich, Germany
2010-2012 Post-doctoral researcher
INCAS³, Assen, The Netherlands
2010-2012 Post-doctoral researcher
Department of Discrete Technology and Production Automation,
University of Groningen, The Netherlands
2005-2010 Research Assistant
(Cyber-Physical Systems Lab), University of California, Los Angeles, USA.
2005 Research and Teaching assistant
Complex Dynamic Systems and Control Research Centre,
The University of Newcastle, Australia
2004-2005 Research assistant
Robotics and Cybernetics Group, Polytechnic University of Madrid, Spain
2002-2004 Research and Teaching assistant
Electrical Engineering and Mathematics Departments,
Royal Institute of Technology, Stockholm, Sweden
2001 Summer intern
CERN, Geneva, Switzerland

Fellowships and awards

2017 ERC Starting Grant # 755953 Project SENTIENT
2014 Guest Professorship Grant Bayerisches Staatsministerium für Bildung und
Kultur, Wissenschaft und Kunst.

- 2009 General Chair's Recognition Award for Interactive Papers, 48th Conference on Decision and Control joint with Chinese Control Conference
- 2007, 2008 Henry Samueli Scholarship from the Henry Samueli School of Engineering and Applied Sciences, UCLA.
- 2005-2009 Spanish Ministry of Science/UCLA Fellowship for postgraduate studies.
- 2005 University of Newcastle Research Scholarship, External funding from the CDSC (Centre of Excellence, Complex Dynamical Systems and Control).
- 2002-2003 Stipend from The Swedish-Spanish Foundation for the Promotion of Education and Studies.
- 2002-2003 Scholarship for abroad studies granted by UPM.
- 2001-2002 Socrates-Erasmus grant promoted by the European Commission for exchange studies at KTH.

Teaching and Supervision of students and Postdoctoral Fellows

- 2018- today Giannis Delimpaltadakis. PhD Student at TU Delft
- 2018- today Gabriel A. Gleizer. PhD Student at TU Delft
- 2015- today Cees Verdier. PhD Student at TU Delft
- 2017-2018 Ivan Zapreev. Post-doctoral researcher at TU Delft
- 2016-2018 Anton V. Prokurshnikov. Post-doctoral researcher at TU Delft
- 2014-2015 Dieky Adzkiya. Post-doctoral researcher at TU Delft
- 2013-2018 Anqi Fu. PhD Student at TU Delft
- 2013-2015 Eric Trottemant. PhD Student at TU Delft.
- 2013-2014 Carlos Santos. Visiting PhD Student from University of Alcalá.
- 2012- today Over 30 MSc thesis supervised at TU Delft, University of Groningen (2) and Wageningen University (1). Five of these MSc thesis were awarded the *Cum Laude* distinction.
- 2012-2019 Responsible instructor for WB2231 (formerly WBTP211-10) Mechatronica Project (BSc Mechanical Engineering), TU Delft
- 2015-2017 Responsible instructor for SC4070 Control Systems Lab, (MSc course) TU Delft
- 2015-2017 Instructor for ME1190 Integration Project Vehicle Engineering
- 2015,2017 Instructor DISC school: Automatic Verification and Synthesis of Complex Systems
- 2014 Invited lecturer Modelling and Verification of Embedded Systems, TU München.
- 2011,2012 Invited lecturer NABP05E Robotics, University of Groningen
- 2010,2011 Invited lecturer MSc. Advanced Electronic and Intelligent Systems, University of Alcalá

Academic and Institutional Service

- 2019 Invited speaker 13th International ICMAT Summer School on Geometry, Mechanics and Control
- 2017 Invited speaker International Conference on Mathematics: Pure Applied and Computation 2017, Surabaya, Indonesia
- 2016 Project Evaluator for the Israeli Science Foundation
- 2016 Co-organizer of the DISC Summer School on "A Systems and Control Perspective in Human-Robot-Environment Interaction"

2016- today	Program Committee HSCC - Hybrid Systems: Computation and Control
2016- today	TU Delft, Education Committee BSc. Mechanical Engineering: Lecturer member.
2016	PhD graduation committee of Héctor J. García de Marina Peinado (U. Groningen)
2015	Program Committee and Work-in-progress co-chair EBCCSP 2015 - First IEEE International Conference on Event-based Control, Communication, and Signal Processing
2013	Co-organizer of 2 invited sessions on “Formal methods in control” at CDC.
2012	Organizer of an invited session on “Event-triggered and self-triggered control” at ADHS .
2011	Co-organizer of 3 invited sessions on “Symbolic methods for control” at CDC/ECC.
2011	PhD graduation committee of Florian Kerber (U. Groningen)
2008	UCLA Electrical Engineering graduate admissions committee: Signals and Systems.

Membership of Scientific Societies

1997- today	Institute of Electrical and Electronics Engineers (IEEE), IEEE Control Systems Society
2010- today	Association for Computing Machinery (ACM)
2003- today	International Federation of Automatic Control (IFAC) (member of TC Networked Systems)
2003- today	Society for Industrial and Applied Mathematics (SIAM)