

# *The Balsells Fellowship*

**1996-2016**



RASSO

*The Balsells Foundation*

*Peter J. Balsells, Sr.*



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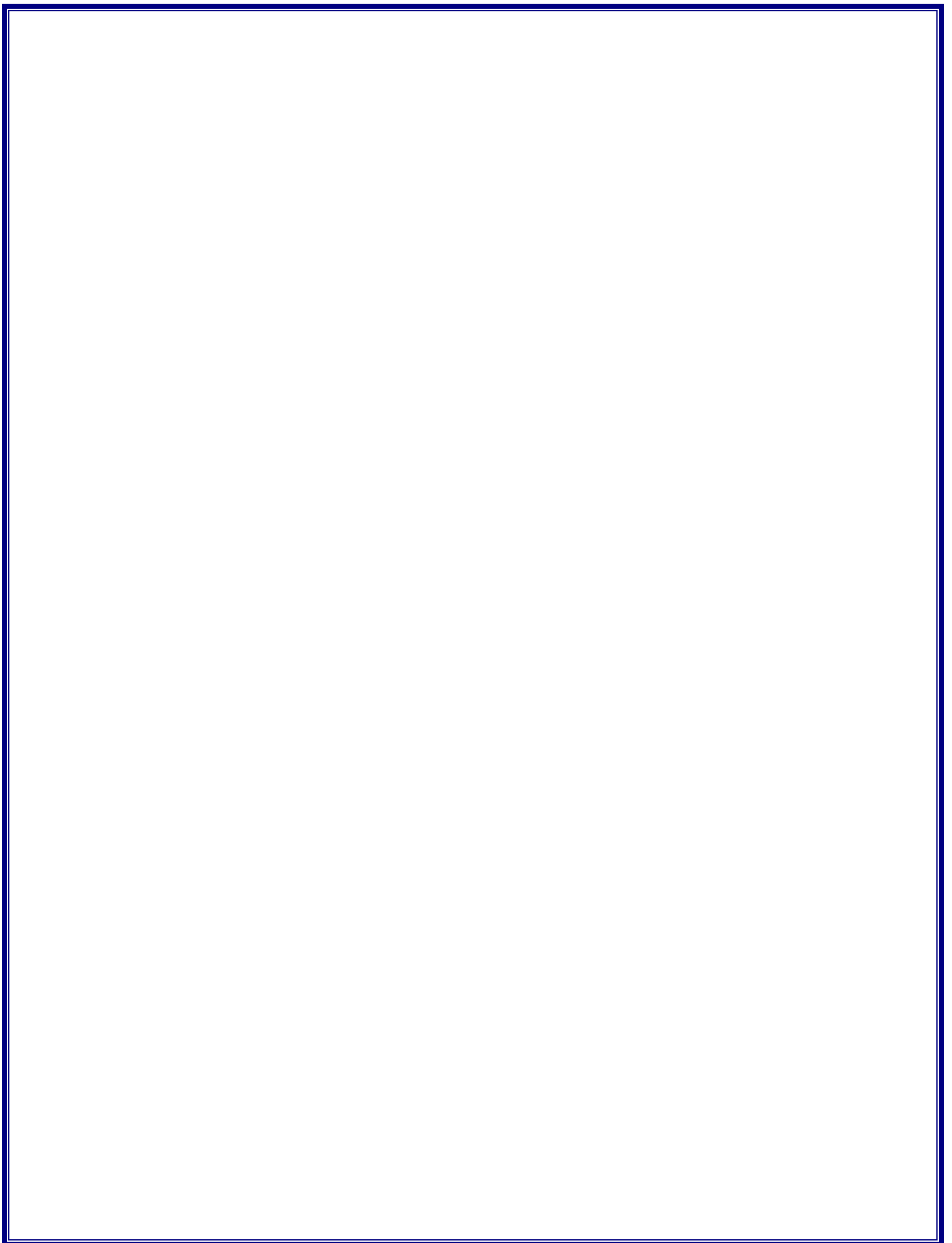
THE HENRY SAMUELI  
SCHOOL OF ENGINEERING



*Generalitat de Catalunya*

*Barcelona*

*July 2016*



# *Graduate Balsells Fellowship Recipients*

## 1996

### **1) Sergi de Miguel Sanz**

Industrial Engineer, UPC-Barcelona, 1996

M.S., Mechanical and Aerospace Engineering, 1997

*Advisor:* Professor F. Jabbari

*Presently:* Gometrics S.L., Barcelona

### **2) Jose Miguel Pulido**

Telecommunications Engineer, UPC-Barcelona, 1995

M.S., Electrical and Computer Engineering, 1998

*Advisor:* Professor K. J. Lin

Engineer, Stanford University, 2000

*Presently:* Co-founder, Nova-ventus, Barcelona

## 1997

### **3) Paco Lopez Dekker**

Telecommunications Engineer, UPC-Barcelona, 1997

M.S., Electrical and Computer Engineering, 1999

*Advisor:* Professor G. P. Li

Ph.D., University of Massachusetts, Amherst, 2003

*Presently:* Head SAR Missions Group, Microwaves and Radar Institute  
German Aerospace Center (DLR), Munich

### **4) Ferran Negre**

Industrial Engineer, UPC-Barcelona, 1996

M.S., Electrical and Computer Engineering, 1999

*Advisor:* Professor T. Lang

### **5) Alba Perez Gracia**

Industrial Engineer, UPC-Barcelona, 1996

M.S., Mechanical and Aerospace Engineering, 1999

Ph.D., Mechanical and Aerospace Engineering, 2003

*Advisor:* Professor J. M. McCarthy

Ramon y Cajal Researcher, Robotics Institute, UPC, Barcelona, 2009

*Presently:* Associate Professor, Idaho State University

## 1998

### **6) Cesar Alvaro Mercadal**

Industrial Engineer, UPC-Barcelona, 1997

M.S., Mechanical and Aerospace Engineering, 1999

*Advisor:* Professor G. S. Samuelsen

*Presently:* Engineering Manager, S. A. de Hornos Automaticos, Barcelona

### **7) Cristian de Haro Carbonell**

Industrial Engineer, UPC-Barcelona, 1998

M.S., Mechanical and Aerospace Engineering, 1999

*Advisor:* Professor J. E. Bobrow

*Presently:* Corporate Development Analyst, ROCA Corporation, Barcelona

### **8) Jordi Ros Giralt**

Telecommunications Engineer, UPC-Barcelona, 1998

M.S., Electrical and Computer Engineering, 1999

*Advisor:* Professor K. Tsai

Ph.D., Electrical and Computer Engineering, 2003

*Presently:* Research Scientist, Reservoir Labs, New York

## 1999

### **9) Manrico Fedi Casas**

Industrial Engineer, UPC-Barcelona, 1999

M.S., Mechanical and Aerospace Engineering, 2000

*Advisor:* Professor K. D. Mease

Ph.D. Student, UPC-Castelldefels; expected 2014

*Presently:* ESA, The Netherlands

### **10) Galo Gimenez Palop**

Computer Sciences, UPC-Barcelona, 1999

Electrical and Computer Engineering, 2000

*Advisor:* Professor K. Kim

*Presently:* Distinguished Technologist, CTO PPS, Hewlett-Packard, Barcelona

**11) Carlos Lopez Lois**

Industrial Engineer, UPC-Barcelona, 1992

Ph.D., UPC-Barcelona, 1998

Postdoctoral Fellow, 1999-2000

Institute of Transportation Studies, UC Irvine

*Advisor:* Professor W. Recker

*Presently:* Director of Mobility Planning, City of Barcelona

**12) Miguel Sainz Serra**

Industrial Engineer, UPC-Barcelona, 1996

Ph.D., Electrical and Computer Engineering, 2003

*Advisor:* Professor N. Bagherzadeh

*Presently:* Director of Developer Technology for Europe and Korea NVIDIA, London

**2000**

**13) Jordi Amatller Claraso**

Industrial Engineer, UPC-Barcelona, 2000

M.S., Electrical and Computer Engineering, 2001

*Advisor:* Professor N. Bagherzadeh

*Presently:* Software Engineer, SENER Systems Engineering, Madrid

**14) Andreu Fargas Marques**

Industrial Engineer, UPC-Barcelona, 2000

M.S., Mechanical and Aerospace Engineering, 2001

*Advisor:* Professor A. Shkel

*Presently:* Maintenance Director, Consorci d'Aigües de Tarragona

Ph.D. Student – Universitat Politècnica de Catalunya

**15) Mari Cruz Villa Uriol**

Telecommunications Engineer, La Salle-Barcelona, 1997

Ph.D., Electrical Engineering and Computer Science, 2005

*Advisors:* Professors N. Bagherzadeh and F. Kuester

Postdoctoral Researcher, Computational Imaging Lab, UPF, 2012-2014

*Presently:* Lecturer, Computer Science, University of Sheffield, UK

## **2001**

### **16) Juan Carmona Martinez**

Chemical Engineer, IQS-Barcelona

M.S., Mechanical and Aerospace Engineering, 2002

*Advisor:* Professor R. H. Rangel

*Presently:* Applications Specialist, Merck Millipore, Barcelona

### **17) Marc Carreras Sospedra**

Chemical Engineer, University of Barcelona

M.S., 2005, Ph.D., 2008, Mechanical and Aerospace Engineering

*Advisor:* Professor D. Dabdub

Postdoctoral Fellow, UC Irvine 2011

*Presently:* South Coast Air Quality Management District, California

### **18) Jasmina Casals Terré**

Industrial Engineer, UPC-Terrassa, 2000

M.S., Mechanical and Aerospace Engineering, 2002

*Advisor:* Professor A. Shkel

Ph.D., UPC-Terrassa, 2007

*Advisors:* Professors Ramon Capdevila and Andrei Shkel

*Presently:* Assistant Professor, UPC-Terrassa

### **19) Christian Casanova Moya**

Civil Engineer, INSA-Toulouse, 1999

M.S., Civil and Environmental Engineering, 2002

*Advisor:* Professor M. Feng

MBA, INSEAD, 2008

*Presently:* Project Director, Alstom Power, Stuttgart, Germany

### **20) Natalia Galiana Ballester**

Chemical Engineer, IQS-Barcelona

M.S., Chemical Engineering and Materials Science, 2002

*Advisor:* Professor E. J. Lavernia

*Presently:* Ph.D. student, Materials Science Institute, Madrid

**21) Oscar Gargallo Lobo**

Chemical Engineer, URV-Tarragona

M.S., Chemical Engineering and Materials Science

*Advisor:* Professor H. Lim

*Presently:* Project Manager in waste gasification, HERA Group, Barcelona

**22) Marc Medrano Martorell**

Chemical Engineer, URV-Tarragona, 1996

Ph.D., Chemical Engineering, URV, 2001

Postdoctoral Fellow, 2002-04, Advanced Power and Energy Program

*Advisor:* Professor G. S. Samuelsen

*Presently:* Associate Professor, UdL, Catalonia, Spain

**23) Laia Pages Giralt**

Civil Engineer, INSA-Toulouse, 1999

M.S., 2002, Ph.D., 2006, Civil and Environmental Engineering

Institute of Transportation Studies, UC Irvine

*Advisor:* Professor R. Jayakrishnan

*Presently:* Senior Engineer, Krebs und Kiefer GmbH, Stuttgart, Germany

**2002**

**24) Marc Antonijuan Tresens**

Multimedia Engineer, La Salle-Barcelona, 2002

M.S., Electrical and Computer Engineering, 2003

*Advisor:* Professor F. Kuester

*Presently:* Assistant Professor, La Salle - Ramon Llull University

**25) Javier Atero Vázquez**

Computer Sciences, UPC-Barcelona, 2002

M.S., Electrical and Computer Engineering, 2003

*Advisor:* Professor K. Kim

MBA Shanghai, China.

*Presently:* Barcelona

**26) Silvia Estévez Castellà**

Mathematics, UPC-Barcelona, 2000

M.S., Mechanical and Aerospace Engineering, 2004

*Advisor:* Professor A. Sideris

*Presently:* Project Manager, BaseTIS Consultancy for CaixaBank Consumer Finance, Barcelona

**27) Alfred Grau Besolí**

Telecommunications Engineer, UPC-Barcelona, 2001

M.S., 2005, Ph.D., 2007, Electrical and Computer Engineering

*Advisor:* Professor F. De Flaviis

*Presently:* Senior Principal Scientist, Broadcom, Barcelona

**28) Albert Mercadé Blasco**

Mathematics, UPC-Barcelona, 2000

M.S., Electrical and Computer Engineering, 2004

*Advisor:* Professor R. Pajarola

*Presently:* Project Manager at BaseTIS Consultancy for GasNatural Fenosa, Barcelona

**29) Raimon Pousa Hijós**

Industrial Engineer, University of Girona, 2002

M.S., Electrical and Computer Engineering, 2004

*Advisor:* Professor K. Tsai

*Presently:* Project Engineer, 6TL Engineering, Barcelona

**2003**

**30) Oriol Español Bada**

Industrial Engineer, UPC-Barcelona, 2002

M.S., Mechanical and Aerospace Engineering, 2004

*Advisor:* Professor A. Sideris

*Presently:* Software and Systems Engineer, EUMETSAT, Darmstadt, Germany



**31) Angel Jimenez Aranda**

Mathematics, UAB, Barcelona, 1998

Ph.D., Chemical Engineering, URV-Tarragona, 2003

Postdoctoral Fellow, Mechanical and Aerospace Engineering and Chemistry, 2003-06

*Advisor:* Professor D. Dabdub

MBA; ESADE, URL, 2008

*Presently:* NHS, Sheffield, UK

**32) Julius Klein**

Industrial Engineer, University of Girona, 2003

Ph.D., Mechanical and Aerospace Engineering, 2009

*Advisor:* Professor D.J. Reinkensmeyer

Postdoctoral Fellow, Imperial College, London, 2012

*Presently:* Project Manager – Health Division, Tecnalia, Spain

**33) Daniel Massaguer**

*Girona Fellowship*

Computer Engineer, University of Girona, 2003

M.S., Electrical and Computer Engineering, 2005

Ph.D., Information and Computer Science, 2009

*Advisor:* Professor N. Venkatasubramanian

*Presently:* Software Development Engineer, Amazon Web Services, Virginia

**34) José Joaquín Mohedano**

Industrial Engineer, UPC-Terrassa, 2003

M.S., Mechanical and Aerospace Engineering, 2005

*Advisor:* Professor F. Jabbari

*Presently:* Project Manager, Enco Operations Management, Barcelona

**35) Francesc Serras Marques**

Industrial Engineer, University of Girona, 2000

M.S., Civil and Environmental Engineering, 2005

*Advisor:* Professor R. Jayakrishnan

MBA, IESE, Barcelona, 2007

*Presently:* Manager-Corporate Strategy, World Trade Center, Dubai, United Arab Emirates.

**36) Josep Ma. Soler Carbonell**

Industrial Engineer, University of Girona, 2003

M.S., Mechanical and Aerospace Engineering, 2005

*Advisors:* Professors R. H. Rangel and A. Shkel

*Presently:* Project Manager, VELCRO Europe, Barcelona

**2004**

**37) Joel Benito Manrique**

Telecommunications Engineer, UPC-Barcelona, 2003

Aeronautical Engineer, ENSAE-Toulouse, 2003

Ph.D., Mechanical and Aerospace Engineering, 2010

*Advisor:* Professor K. Mease

*Presently:* Jet Propulsion Laboratory, Pasadena, California

**38) Xavier Casadevall i Solvas**

Technical Chemical Engineer, University of Girona, 2000

Chemical Engineer, UPC-ETSEIB, Barcelona, 2003

M.S., Chemical Engineering and Materials Science, 2006

Ph.D., Chemical Engineering and Materials Science, 2009

*Advisor:* Professor M. Madou

Postdoctoral Fellow, Imperial College, London, 2009-2012

*Presently:* Senior Scientist, ETH-Zurich

**39) Jordi Casòliva Rodon**

Industrial Engineer, UPC-Barcelona, 2000

M.S., Mechanical and Aerospace Engineering, 2006

Ph.D., Mechanical and Aerospace Engineering, 2013

*Advisor:* Professor K. Mease

*Presently:* Jet Propulsion Laboratory, Pasadena

**40) Marc Esplugas Gonzalez**

Chemical Engineer, University of Barcelona, 2004

M.S., Chemical Engineering and Materials Science, 2006

*Advisor:* Professor S. Grant

Ph.D. Chemical Engineering, UB, 2010

*Presently:* Project Manager, Lipotec, Barcelona

**41) Francesc Galobardes Jornet**

*Girona Fellowship*

Industrial Engineer, University of Girona, 2004

M.S., Mechanical and Aerospace Engineering, 2006

*Advisor:* Professor M. Madou

*Presently:* Project Engineer, Quark Technological Solutions, Madrid

**42) Laura Marchal Crespo**

Industrial Engineer, UPC-Barcelona, 2003

M.S., Mechanical and Aerospace Engineering, 2006

Ph.D., Mechanical and Aerospace Engineering, 2009

*Advisor:* Professor D. J. Reinkensmeyer

*Presently:* Senior Researcher, ETH, Switzerland

**43) José Tomás Morón Morte**

Telecommunications Engineer, UPC-Barcelona, 2004

M.S., Biomedical Engineering, 2006

*Advisors:* Professor M. Bachman and Professor G.P. Li

*Presently:* Technical Manager, MIER Communications, Barcelona

**44) Miquel Nogués Aymamí**

Mechanical Engineer, UPC-Terrassa, 1992

Ph.D., Chemical Engineering, URV-Tarragona, 2001

Postdoctoral Fellow, Advanced Power and Energy Program

*Advisor:* Professor G. S. Samuelsen

*Presently:* Lecturer, University of Lleida

**45) Genís Turon Teixidor**

Industrial Engineer, University of Girona, 2004

M.S., Mechanical and Aerospace Engineering, 2006

Ph.D., Mechanical and Aerospace Engineering, 2009

*Advisor:* Professor M. Madou

*Presently:* Senior Engineer, Fuel Cell & Battery, Toyota Motor Europe

## 2005

### **46) Raul Benitez**

Ph.D., Physics, UPC

Postdoctoral fellow, Biomedical Engineering 2005-06

*Advisor:* Professor D. J. Reinkensmeyer

*Presently:* Associate Professor, EUTEIB-UPC, Barcelona

### **47) Mercè Dalmau Mallorquí**

Chemical Engineer, URL-IQS, Barcelona, 2002

M.S., Chemical Engineering, 2007

Ph.D., Chemical Engineering, 2010

*Advisor:* Professor S.W. Wang

### **48) Albert Farré Gabernet**

Industrial Engineering, UPC-Barcelona, 2005

M.S., Mechanical and Aerospace Engineering, 2007

*Advisor:* Professor F. Jabbari

MBA, Stanford University, 2014

*Presently:* Pituitary Brand Lead, Novartis, Barcelona

### **49) Sergio López López**

Industrial Engineering, UPC-Barcelona, 2003

M.S., Mechanical and Aerospace Engineering, 2007

Ph.D., Mechanical and Aerospace Engineering, 2010

*Advisor:* Professor A. Sideris

*Presently:* Senior R&D Engineer, Control and Monitoring, ABB Switzerland

### **50) Pere Margalef**

Industrial Engineer, EPS-UdG, Girona, 2004

M.S., Environmental Engineering Program, 2007

Ph.D., Mechanical and Aerospace Engineering, 2010

*Advisor:* Professor G. S. Samuelsen

**51) Josep Salvans Tort**

Industrial Engineering, UPC-Barcelona, 2004

M.S., Mechanical and Aerospace Engineering, 2007

*Advisor:* Professor H. Catrakis

*Presently:* Aerodynamics Laboratory Analyst, Soler & Palau Research, Ripoll

**52) Anna Torrents Cabestany**

Chemistry, University of Barcelona, 2003

Materials Engineering, UPC-Barcelona, 2005

M.S., Materials Sciences, 2007

*Advisor:* Professor F. Mohamed

Ph.D., Materials Science and Engineering, 2011

*Advisor:* Professor L. Valdevit

*Presently:* R&D Materials Project Engineer, Bal Seal Engineering Inc., California

**2006**

**53) Francesc Calvo Serra**

Telecommunications Engineer, UPC-Barcelona, 2006

M.S., Electrical and Computer Engineering, 2008

*Advisor:* Professor K. Kim

MBA, Insead, 2011

*Presently:* Strategic Program Manager, Novartis, Switzerland.

**54) Marc Ferrer Capdevila**

Civil Engineer, URL, UPC-Barcelona, 2006

M.S., Civil and Environmental Engineering, 2007

*Advisor:* Professor S. Sorooshian

MBA, ESADE Business School, Barcelona, 2013

*Presently:* Logistics Director, Frigicoll, Barcelona

**55) Javier López Prieto**

Telecommunications Engineer, UPC-Barcelona, 2006

M.S., Biomedical Engineering, 2007

Ph.D., Biomedical Engineering, 2011

*Advisor:* Professor A. Lee

*Presently:* Postdoctoral Associate, Massachusetts Institute of Technology, Cambridge

**56) Marcel López Rodríguez**

Computer Engineer, UPC-Barcelona, 2006

M.S., Electrical and Computer Engineering, 2007

*Advisor:* Professor A. Regan

*Presently:* Visualization Architect, Jet Propulsion Laboratory, Pasadena, California

**57) Raul Macule Gonzalez**

Telecommunications Engineer, UPC-Barcelona, 2005

M.S., Illinois Institute of Technology (IIT)

Electrical and Computer Engineering, 2006

*Advisor:* Professor J. Meyer

*Presently:* Senior Medical Imaging Software Engineer, Surgimap, New York, NY.

**58) Roger Piqueras Jover**

Telecommunications Engineer, UPC-Barcelona, 2006

M.S., Electrical and Computer Engineering, 2008

*Advisor:* Professor A. Eltawil

M.Phil., Electrical Engineering, Columbia University, 2010

*Presently:* Wireless Security Research Scientist, Bloomberg LP, New York

**59) Javier Rodríguez De Luis**

Telecommunications Engineer, UPC-Barcelona, 2006

M.S., Electrical and Computer Engineering, 2008

Ph.D. Electrical Engineering and Computer Science, 2011

*Advisor:* Professor F. De Flaviis

*Presently:* Senior Antenna Engineer, SpaceX, Seattle

**60) Marc Salleras Freixes**

Ph.D., Physics, UB

Postdoctoral Fellow, Mechanical and Aerospace Engineering, 2006-09

*Advisor:* Professor A. Shkel

*Presently:* CNM, Barcelona

## 2007

### **61) Alejandro Bayas Fernandez**

Industrial Engineering, UPC-Barcelona

M.S., ETH Zürich, 2007

M.S., Civil and Environmental Engineering, 2008

Institute of Transportation Studies, UC Irvine

### **62) Eva Maria Carreira Ramos**

Chemical Engineer, University of Barcelona, 2004

M.S., Chemical Engineering and Materials Science, 2009

*Advisor:* Professor L. Valdevit

MBA, University of Vermont School of Business Administration, 2013

*Presently:* Senior Associate, ipCapital Group, Inc., Vermont

### **63) Anna Diez Manjarres**

Telecommunications Engineer, UPC-Barcelona, 2007

M.S., Electrical and Computer Engineering, 2009

*Advisor:* Professor A. Majumder

*Presently:* Barcelona

### **64) Sergi Perez Vazquez**

Computer Engineer, URL, 2007

M.S., Mechanical and Aerospace Engineering, 2010

Ph.D., Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor D. J. Reinkensmeyer

*Presently:* Amazon.com, Inc; Seattle

## 2008

### **65) Josep Barberillo**

Industrial Engineer, UdG, Girona, 2008

M.S., Civil and Environmental Engineering, 2009

Institute of Transportation Studies, UC Irvine

*Advisor:* Professor W. Jin

**66) David Barral**

Industrial Engineering, UPC-Barcelona, 2008  
M.S., Civil and Environmental Engineering, 2009  
Institute of Transportation Studies, UC Irvine  
*Advisor:* Professor W. Recker

**67) Xavier Cordobes**

Industrial Engineer, UdG, Girona, 2008  
M.S., Mechanical and Aerospace Engineering, 2010  
*Advisor:* Professor Y. Wang

**68) Pablo Roman**

Computer Engineer, UAB-Barcelona, 2008  
M.S., Electrical and Computer Engineering 2010  
*Advisor:* Professor A. Majumder  
*Presently:* Ph.D. Student, Computer Sciences, University of Kyoto, Japan

**69) Fernan Saiz Poyatos**

Chemical Engineer, UPC-ETSEIB, 2006  
M.S., Mechanical and Aerospace Engineering, 2011  
*Advisor:* Professor D. Dabdub  
Ph.D. Mechanical and Aerospace Engineering, 2013  
*Advisor:* Professor M. Gamero-Castaño  
*Presently:* Research Associate, Imperial College London, United Kingdom

**2009**

**70) Miguel Anaya Santiago**

Chemical Engineer, UPC-Barcelona, 2009  
M.S., Chemical and Biochemical Engineering, 2010  
*Advisor:* Professor D. Rosso  
*Presently:* NATRUE, Brussels, Belgium



**71) Enric Grustan**

B.S., Mechanical Engineering, University of Padua, 2005

M.S., Aerospace Engineering, University of Padua, 2007

Industrial Engineer, UPC-Barcelona, 2008

Ph.D., Mechanical and Aerospace Engineering, 2015

*Advisor:* Professor M. Gamero-Castaño

*Presently:* Fellow, Chinese Academic of Science, Suzhou, China

**72) Miquel Izquierdo**

Computer Engineer, UAB-Barcelona, 2009

M.S., Electrical and Computer Engineering, 2010

*Advisor:* Professor N. Bagherzadeh

*Presently:* Hardware Architect, Intel, Barcelona

**73) Veronica Nieves**

Physics, University of Barcelona, 2002

M.S., Meteorology and Climatology, University of Barcelona, 2003

Ph.D., Applied Physics, UPC-Barcelona, 2008

Postdoctoral Fellow, Civil and Environmental Engineering

*Advisor:* Professor R. L. Bras

*Presently:* Assistant Reseracher, JIFRESSE, UCLA

**74) Pere Pla Juncà**

Civil Engineer, UPC-Barcelona, 2009

M.S., Civil and Environmental Engineering, 2010

*Advisor:* Professor F. Zareian

*Presently:* BalSeal Engineering, California

**2010**

**75) Joan Aguilar**

Industrial Engineering, UPC-Barcelona, 2010

M.S., Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor J. Bobrow

Ph.D. Student, Mechanical and Aerospace Engineering

*Advisors:* Professors J. Bobrow and K. Mease

**76) Ferran Marti Duran**

Aeronautical Engineer, UPC-Terrassa, 2010

M.S., Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor D. Dunn-Rankin

Ph.D. Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Feng Liu

**77) Yair Martinez**

Industrial and Civil Engineer, UPC-Barcelona, 2010

M.S., Civil and Environmental Engineering, 2011

*Advisor:* Professor F. Zareian

**78) Esteban Meca**

Physics, University of Barcelona, 1998

Electrical Engineer, University of Barcelona, 2001

Ph.D. in Applied Physics, UPC-Barcelona, 2010

Postdoctoral Fellow, Mathematics, 2010-2014

*Advisor:* Professor J. Lowengrub

**79) Robert Regue**

Industrial Engineer, UPC-Terrassa, 2009

M.S., Transportation Management, Loughborough University, UK

Ph.D., Civil Engineering, 2015

*Advisor:* Professor Will Recker

*Presently:* Research Scientist, Scoop Technologies, San Francisco

**2011**

**80) Alba Alfonso Garcia**

Physics, University of Barcelona, 2009

M.S., Optics and Photonics, Karlsruhe Institute of Technology, Germany, 2011

Ph.D., Biomedical Engineering, 2016

*Advisor:* Professor Eric Potma

**81) Miquel Batalle Lopez**

*Girona Fellowship*

Industrial Engineering, University of Girona, 2010

M.S., Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor Dave Reinkensmeyer

*Presently:* Bal Seal Engineering, California

**82) Carles Civit**

Industrial Engineering, UPC-Barcelona 2011

M.S., Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor Faryar Jabbari

*Presently:* Bal Seal Engineering, California

**83) Raúl Díaz García**

Computer Engineer, UAB, Barcelona, 2007

M.S., Computer Vision and Artificial Intelligence, UAB, Barcelona, 2009

PhD, Electrical Engineering and Computer Science, 2016

*Advisor:* Professor Charless Fowlkes

**84) Albert Jordà Juanós**

Aeronautical Engineering, UPC-Terrassa, 2011

M.S., Mechanical and Aerospace Engineering, 2013

PhD Student, Mechanical and Aerospace Engineering

*Advisor:* Professor William Sirignano

**85) Anna Papió Toda**

Computer Sciences Engineer, UPC-Barcelona, 2009

Telecommunications Engineer, UPC-Barcelona, 2009

Ph.D., Electrical Engineering and Computer Science, 2015

*Advisor:* Professor Franco De Flaviis

*Presently:* Senior Scientist, Broadcom Corporation, Irvine

**86) Lluís Soler Segura**

Aeronautical Engineering, UPC-Terrassa, 2009

M.S., Mechanical and Aerospace Engineering, 2014

*Advisor:* Professor Ken Mease

## 2012

### **87) Eric Arnal**

Aeronautical Engineering, UPC-Terrassa, 2012  
M.S., Mechanical and Aerospace Engineering, 2014  
*Advisor:* Professor Benjamin Villac

### **88) Victor Benito**

Industrial Engineering, UPC-Barcelona, 2012  
M.S., Mechanical and Aerospace Engineering, 2014  
*Advisor:* Professor Faryar Jabbari  
*Presently:* BalSeal Engineering, California

### **89) David Escofet**

Industrial Engineering, UPC-Terrassa, 2012  
MS/PhD Student, Mechanical and Aerospace Engineering  
*Advisor:* Professor Derek Dunn-Rankin

### **90) Sergio Gago**

Industrial Engineer, UPC-Barcelona, 2006  
Ph.D., Engineering Projects and Technology, UPC-Barcelona, 2012  
Postdoctoral Fellow, Mechanical and Aerospace Engineering, 2012, 2013  
*Advisor:* Professors Dave Reinkensmeyer and G.P. Li

### **91) Joan Giner de Haro**

Telecommunications Engineer, UAB, 2007  
M.S., Micro and Nanoelectronic Engineering, UAB, 2008  
Ph.D. in Electronic Engineering, UAB, 2012  
Postdoctoral Fellow, Mechanical and Aerospace Engineering  
*Advisor:* Professor Andrei Shkel

### **92) Roger Lloret-Batlle**

Ingénieur des Ponts et Chaussées, ENPC, Paris, 2011  
Civil Engineer, UPC-Barcelona, 2012  
Ph.D. Student, Civil and Environmental Engineering  
*Advisor:* Professor Jay Jayakhrisnan

**93) Albert Sans Muntadas**

Aeronautical Engineering, UPC-Terrassa, 2012  
M.S., Mechanical and Aerospace Engineering, 2014  
*Advisor:* Professor Dave Reinkensmeyer

**94) Nicolas Valle Marchante**

Industrial Engineering, UPC-Terrassa, 2012  
M.S, Mechanical and Aerospace Engineering, 2014  
*Advisor:* Professor Jacob Brouwer  
*Presently:* PhD student, UPC-ETSEIAT

**2013**

**95) Susana Anacleto**

Civil Engineer, UPC-Barcelona, 2009  
M.S., Civil and Environmental Engineering 2015  
*Advisor:* Professor Lizhi Sun  
PhD Student, Civil and Environmental Engineering  
*Advisor:* Professor Anne Lemnitzer

**96) David Butinya**

Industrial Engineer, EPS-UdG, Girona, 2009  
M.S., Engineering Management, 2014

**97) Victor De Los Santos**

Aeronautical Engineer, UPC-Terrassa, 2012  
M.S., Mechanical and Aerospace Engineering, 2014  
*Advisor:* Professor Ken Mease

**98) Manel Garrido Baserba**

PhD in Chemical Engineering, EPS-UdG, Girona, 2012  
Postdoctoral Fellow, Civil and Environmental Engineering  
*Advisor:* Professor Diego Rosso

**99) Anna Guell**

Industrial Engineer, UPC-Barcelona, 2013  
MS/PhD Student, Mechanical and Aerospace Engineering  
*Advisor:* Professor Lorenzo Valdevit

**100) Adrian Ortega**

*Girona Fellowship*

Industrial Engineer, EPS-UdG, Girona, 2011

PhD Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Lorenzo Valdevit

**101) Irene Rodriguez**

Telecommunications Engineer, UAB, Barcelona, 2012

M.S., Electrical Engineering and Computer Science, 2015

*Advisor:* Professor Gultekin Gulsen

**102) Joan Santacana**

Industrial Engineer, UPC-Terrassa, 2013

M.S., Mechanical and Aerospace Engineering, 2014

*Advisor:* Professor Derek Dunn-Rankin

**2014**

**103) Laia Ferrer Argemí**

Aeronautical Engineer, UPC-Terrassa, 2014

M.S./PhD Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Jaeho Lee

**104) Jose Carlos Font**

Aeronautical Engineer, UPC-Terrassa, 2014

M.S., Mechanical and Aerospace Engineering, 2015

*Advisor:* Professor William Sirignano

*Presently:* Planning Engineer, Air Europa, Spain

**105) Marc-Arnold Haupt Giro**

*Girona Fellowship*

Industrial Engineer, EPS-UdG, 2014

M.S., Mechanical and Aerospace Engineering, 2015

*Advisor:* Professor Solmaz Kia

**106) Marc Julia Carrillo**

Industrial Engineer, UPC-Barcelona, 2014

M.S. Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Wenlong Jin

**107) Adria Segarra Torne**

Aeronautical Engineer, UPC-Terrassa, 2014

M.S., Mechanical and Aerospace Engineering, 2016

*Advisor:* Professor Ken Mease

**108) Marc Soriano**

Industrial Engineer, IQS-URL, 2014

M.S., Mechanical and Aerospace Engineering, 2015

*Advisor:* Professor Lorenzo Valdevit

**109) Ramon Yll Prous**

Industrial Engineer, UPC-Terrassa, 2014

M.S., Mechanical and Aerospace Engineering, 2015

*Advisor:* Professor Jack Brouwer

## **2015**

**110) Marta Alcalá Álvarez**

Biomedical Engineer, UPC-EUETIB, 2014

M.S. Student, Biomedical Engineering

*Advisor:* Professor Frithjof Kruggel

**111) Hugo Dominguez Marzo**

B.S. in Industrial Technology, UPC-ETSEIB, 2014

M.S., Mechanical and Aerospace Engineering, 2016

*Advisor:* Professor Dave Reinkensmeyer

*Presently:* Bal Seal Engineering, California

**112) Arnau Francí Rodon**

B.S. in Physics, UB, 2014

M.S. Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Ken Mease

**113) Adriana Lladó Gambín**

Aeronautical Engineer, UPC-ETSEIAT, 2015

M.S. Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Derek Dunn-Rankin

**114) Claudia-Francisca López Cámara**

Chemical Engineer, URV-ETSEQ, 2014

M.S., Nanoscience, Materials and Processes, URV-ETSEQ, 2015

PhD Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Derek Dunn-Rankin

**115) Nil Mamano Grande**

B.S. in Computer Science, UPC-FIB, 2015

PhD Student, Computer Science

**116) Gerard Marull Paretas**

Telecommunications Engineer, UPC-ETSETB, 2013

M.S. Student, Electrical and Computer Engineering

*Advisor:* Professor Franco de Flaviis

**117) Andreu Minobas Llenas**

*Girona Fellowship*

B.S. in Industrial Electronics and Automation, UdG-EPS, 2013

M.S. Student, Electrical and Computer Engineering

*Advisor:* Professor Keyue Smedley

**118) Octavi Obiols Sales**

B.S. in Aerospace Engineering, UPC-ETSEIAT, 2014

M.S./Ph.D. Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Roger Rangel



**119) Adrián Rey Rodríguez**

B.S. in Mathematics and B.S. in Civil Engineering, UPC-CFIS, 2015

M.S. Student, Computer Science

**120) Oriol Riu Martínez**

B.S. in Industrial Technology, UPC-ETSEIB, 2014

M.S. Student, Mechanical and Aerospace Engineering

*Advisor:* Professor Lorenzo Valdevit

**121) Marina Zamudio Domingo**

B.S. in Chemical Engineering, UdG-EPS, 2015

M.S. and PhD Student, Biomedical Engineering

# *Balsells Mobility Program Fellows*

## **Spring 2012**

### **1) Eric Arnal**

ETSEIAT-UPC

Senior Project, Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor Benjamin Villac

### **2) Victor De Los Santos**

ETSEIAT-UPC

Senior Project, Civil and Environmental Engineering, 2012

*Advisor:* Professor Lizhi Sun

### **3) David Escofet**

ETSEIAT-UPC

Senior Project, Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor Derek Dunn-Rankin

### **4) Ismael Mosquera**

ETSEIAT-UPC

Senior Project, Civil and Environmental Engineering, 2012

*Advisor:* Professor Ayman Mosallam

### **5) Gibert Ribalta**

ETSEIAT-UPC

Senior Project, Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor Benjamin Villac

### **6) Albert Sans**

ETSEIAT-UPC

Senior Project, Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor Dave Reinkensmeyer

### **7) Nicolas Valle**

ETSEIAT-UPC

Senior Project, Mechanical and Aerospace Engineering, 2012

*Advisor:* Professor Jacob Brouwer

## **Fall 2012**

### **8) Anna Guell**

ETSEIB-UPC

Senior Project, Mechanical and Aerospace Engineering, 2013

*Advisor:* Professor Lorenzo Valdevit

### **9) Joan Santacana**

ETSEIAT-UPC

Senior Project, Mechanical and Aerospace Engineering, 2013

*Advisor:* Professor Derek Dunn-Rankin

### **10) Laia Torregrosa**

ETSEIAT-UPC

Senior Project, Mechanical and Aerospace Engineering, 2013

*Advisor:* Professor Derek Dunn-Rankin

## **Spring 2013**

### **11) Joan Albet Serra**

UPC-EUETIB

*Advisor:* Professor Jacob Brouwer

Mechanical and Aerospace Engineering, 2013

### **12) Albert Comas**

UPC-ETSEIB

*Advisor:* Professor Lorenzo Valdevit

Mechanical and Aerospace Engineering, 2013

### **13) Iker Garcia de Galdiano**

UPC-ETSEIAT

*Advisor:* Professor Ken Mease

Mechanical and Aerospace Engineering

**14) Anabel Mostajo**

UPC-ETSECCPB

*Advisor:* Professor Soroosh Sorooshian  
Civil and Environmental Engineering

**15) Xavier Nieto Escudero**

UPC-ETSECCPB

*Advisor:* Professor Lizhi Sun  
Civil and Environmental Engineering

**16) Monica Subirats**

UPC-ETSEIAT

*Advisor:* Professor Benjamin Villac  
Mechanical and Aerospace Engineering

**Fall 2013**

**17) Laia Ferrer**

UPC-ETSEIAT

*Advisor:* Professor Manuel Gamero  
Mechanical and Aerospace Engineering

**18) Arnau Garriga**

UPC-ETSEIAT

*Advisor:* Professor Ken Mease  
Mechanical and Aerospace Engineering

**19) Clara Salvador**

UPC-UB – Geological Engineering

*Advisor:* Professor Russell Detwiler  
Civil and Environmental Engineering

## **Spring 2014**

### **20) Gerard Aguilar**

UPC-ETSEIB

*Advisor:* Professor Wenlong Jin  
Civil and Environmental Engineering

### **21) Susanna Cortada**

UPC-ETSEIAT

*Advisor:* Professor Roger Rangel  
Mechanical and Aerospace Engineering

### **22) Ricardo Fabian**

UPC-ETSEIB

*Advisor:* Professor Lorenzo Valdevit  
Mechanical and Aerospace Engineering

### **23) Jose Carlos Font**

UPC-ETSEIAT

*Advisor:* Professor William Sirignano  
Mechanical and Aerospace Engineering

### **24) Claudia Lopez**

URV-ETSEQ

*Advisor:* Professor Roger Rangel  
Mechanical and Aerospace Engineering

### **25) Adria Segarra**

UPC-ETSEIAT

*Advisor:* Professor Dimitri Papamoschou  
Mechanical and Aerospace Engineering

**26) Ramon Yll Prous**

UPC-ETSEIAT

*Advisor:* Professor Jacob Brouwer  
Mechanical and Aerospace Engineering

**Fall 2014**

**27) Arnau Francí**

UB-Physics

*Advisor:* Professor Thanasis Sideris  
Mechanical and Aerospace Engineering

**28) Adrian Rey Rodriguez**

UPC-ETSECCB

*Advisor:* Professor Stephen Ritchie  
Civil and Environmental Engineering

**29) Ferran Vilella**

UPC-ETSEIAT

*Advisor:* Professor Feng Liu  
Mechanical and Aerospace Engineering

**Spring 2015**

**30) Alejandro de Haro Ruiz**

UPC-ETSEIAT

Aeronautical Engineering  
*Advisor:* Professor Ken Mease  
Department: Mechanical and Aerospace Engineering

**31) Gorka Fuentes Lejarza**

UPC-ETSEIB

Major: Industrial Engineering

Advisor: Professor Vince McDonell

Department: Mechanical and Aerospace Engineering

**32) Lluís Laguarda Sanchez**

UPC-ETSEIAT

Major: Aeronautical Engineering

Advisor: Professor Feng Liu

Department: Mechanical and Aerospace Engineering

**33) Nil Mamano**

UPC-FIB

Major: Computer Science

Advisor: Wayne Hayes

Department: Computer Science

**34) Adria Moya Ortiz**

UPC-ETSECCPB

Major: Civil Engineering

Advisor: Professor Kristen Davis

Department: Civil and Environmental Engineering

**35) Alex Peracaula**

UPC-ETSEIB

Major: Industrial Engineering

Advisor: Professor Jacob Brouwer

Department: Mechanical and Aerospace Engineering

**36) Marc Rovira**

UPC-ETSEIAT

Major: Aeronautical Engineering

Advisor: Professor Ken Mease

Department: Mechanical and Aerospace Engineering

## **Fall 2015**

### **37) Oriol Julia Carrillo**

UB and EPFL

Major: Mathematics

Advisor: Professor Anima Anandkumar

Department: Electrical Engineering and Computer Science

### **38) Aurea Sole Carulla**

UPC-EUETIB

Major: Chemical Engineering

Advisor: Professor Jacob Brouwer

Department: Mechanical and Aerospace Engineering

## **Spring 2016**

### **39) Miquel Balta**

UPC-ETSEIAT

Major: Industrial Engineering

Advisor: Professor Haithem Taha

Department: Mechanical and Aerospace Engineering

### **40) Monica Iglesias**

UPF

Major: Biomedical Engineering

Advisor: Professor Sabee Molloy

Department: Biomedical Engineering

### **41) Ivan Martinez**

UPC-ETSEIAT

Major: Aeronautical Engineering

Advisor: Professor Ken Mease

Department: Mechanical and Aerospace Engineering



**42) Francesc Mateu**

UPC-ETSCCPB

Major: Civil Engineering

Advisor: Professor Lizhi Sun

Department: Civil and Environmental Engineering

**43) Alicia Nicas Miquel**

UPC-FIB

Major: Computer Science

Advisor: Alex Ihler

Department: Computer Science

**44) Adria Torres**

UPC-ETSCCPB

Major: Civil Engineering

Advisor: Professor Wenglong Jin Sun

Department: Civil and Environmental Engineering