Stanford

Jordi Feliu Faba

Ph.D. Student in Computational and Mathematical Engineering, admitted Autumn 2016

Bio

BIO

I am a PhD student in the Institute for Computational and Mathematical Engineering (ICME). I was born and I received my education in Spain. I received my two Bachelor's degrees in Industrial Technology Engineering and in Civil Engineering at Universitat Politècnica de Catalunya (UPC) in Barcelona. In 2014 I moved for 6 months to France to finish my Bachelor's degree in Civil Engineering at Ecole Centrale de Nantes. Next, I returned to Barcelona to course a MSc in Civil Engineering at UPC and gain work experience in civil engineering. My research interests lie in the area of computational engineering.

HONORS AND AWARDS

- Stanford Graduate Fellowship in Science & Engineering, Stanford University (2016)
- La Caixa Graduate Fellowship, Obra Social "La Caixa" (07/12/2016)
- Award to the best academic record for dual degree program at CFIS, Universitat Politècnica de Catalunya (12/18/2015)

EDUCATION AND CERTIFICATIONS

- MSc, Universitat Politècnica de Catalunya (UPC) , Civil Engineering (2016)
- BSc, Universitat Politècnica de Catalunya (UPC) , Mechanical Engineering (2015)
- BSc, Universitat Politècnica de Catalunya (UPC) , Civil Engineering (2014)

LINKS

- My LinkedIn: https://es.linkedin.com/in/jordi-feliu-fab%C3%A0-b36863b6

Professional

WORK EXPERIENCE

- Civil engineer - SENER (7/1/2015 - 7/1/2016)
- Research intern - ICFO (The Institute of Photonic Sciences) (7/13/2014 - 9/30/2014)

Publications

PUBLICATIONS

- **A multiscale neural network based on hierarchical nested bases**
  Fan, Y., Feliu-Fabà, J., Lin, L., Ying, L., Zepeda-Núñez, L.
  arXiv.
  2018

- **Recursively Preconditioned Hierarchical Interpolative Factorization for Elliptic Partial Differential Equations**

Feliu-Fabà, J., Ho, K. L., Ying, L.
arXiv.
2018

- **Multiscale modelling for the thermal creep analysis of PCM concrete** *Energy and Buildings*
  Mohaine, S., et al
  2016; 131: 14