

Curriculum Vitae

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Education

- 2001–2005** : ENS Cachan - Mechanical Engineering (M.S. eq.).
- 2004–2005** : Master 'Engineering Science' at Ecole Centrale de Paris - Structural Dynamics and Coupled Systems (M.S. eq.).
- 2005–2008** : Ph.D. at Université Paris-Est Marne-la-Vallée, supervised by C.Soize and entitled 'Identification of stochastic forces applied to a nonlinear dynamical system using an uncertain computational model and experimental responses'.
- June **2014** : 'Habilitation à diriger des recherches' entitled 'Structural dynamics and rigid body dynamics - Uncertainty quantification and reduced-order modeling'.

Work Experience

- 2018–** : Professor at Université Paris-Est Marne-la-Vallée.
- 2016–2018** : Reader at the University of Liverpool (School of Engineering).
- 2010–2016** : Assistant professor at Université Paris-Est Marne-la-Vallée.
- 2008–2010** : ATER (temporary professor) at Université Paris-Est Marne-la-Vallée.

Research interests

- Uncertainty quantification in structural dynamics.
- Uncertainty quantification in multibody dynamical systems.
- Stochastic dynamics.
- Model reduction in LF/MF dynamics.
- Generation of seismic accelerograms.
- Vibration mitigation
- Friction induced vibration