Marc Bernacki

Curriculum Vitæ

Born on 7 Sep 1978, married, four children
CEMEF rue Claude Daunesse CS 10207 06904 Sophia Antipolis, France
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orcid, researchgate, googlescholar
Publications, Full production, DetailedStudents

Work Experience

Current from Oct 2020
"Directeur de recherche", Mines Paristech
Multiscale modeling, Computational Metallurgy, HPC

Jan 2015 – Sep 2020
"Maître de recherche", Mines Paristech

Jan 2011 – Dec 2014
"Chargé de recherche", Mines Paristech

Jul 2008 – Dec 2010
Tenure track, Mines ParisTech

Oct 2005 – Jun 2008
Postdoctoral Researcher in CEMEF Mines ParisTech

Oct 2002 – Sep 2005
PhD in Applied Mathematics, ENPC
Galerkin discontinuous methods for the propagation of waves in aeroacoustics. Highest honours.

Responsabilities

Current, from 2016
Holder of the *DIGIMU* industrial Chair

2014 – 2017
Responsible of the SF2M - MECAMAT *Numerical Material commission*

2015-2019
Elected member of the PSL* Academic Board

Oct 2009 – Oct 2015
Elected member of the Mines ParisTech Research Committee

Oct 2012 – Oct 2015
Elected member of the Mines ParisTech Board

2016-2019
Member of the UCA Scientific Board (Academy 1)

Awards

2017 **TERATEC** *Trophy of the numerical simulation with TRANSVALOR for the DIGIMU software package*
2013 **ESAFORM Scientific Prize** *Jury Special Prize*
2005 **Nominated for the best PhD Thesis** *In Applied Mathematics - École des Ponts ParisTech*

Education

Feb 2014 **Qualified as professor of University**
Sections 28 and 60

Jan 2013 **HDR**
DS2 - Physics
Nice Sophia Antipolis University

Sep 2005 **Doctor of Philosophy**
Highest Honours, Applied mathematics
École des Ponts ParisTech

Supervision and Communication

PhDs	36	Articles	96
Postdocs	11	Proceedings	47
Post Master's Degree	5	Book Chapters	4
Master Thesis	12	Int. Conf./Inv./Plen.	167/26/8
Projects	34	h_{index} (GS/Scopus)	38/29

Teaching involvement

Current, from 2006	Post Master and PhD students "Digital Material & Computational Metallurgy" modules
Current, from 2015	Post Master and PhD students "Numerical modeling of Interfaces" module
2014-2018	Pre-doctoral year PSL Research University - ITI "Advances in modeling of materials at the mesoscopic scale"
2006-2015	Master and PhD students Nice Sophia Antipolis University "Advanced Numerical Methods"
2010-2014	Mines ParisTech civil engineer cycle "Numerical Physics" module