

Etienne PRULIERE

11 avenue Carnot
33700 Talence – FRANCE
☎ : 06.22.42.45.06 – ✉ : etienne.pruliere@ensam.eu
36 years old
Web Site : <http://eti.p.free.fr/>



EDUCATION

2004-2007

PhD at the university of Joseph Fourier (Grenoble) – Laboratory of Rheology (UMR 5520)

2003-2004

Master of biomechanics (University Paris-Est Créteil)

1999-2002

Engineering Degree MATMECA : Mathematics and Mechanics Modeling

WORK EXPERIENCE

- | | |
|------------|--|
| Since 2009 | • Associate Professor (Maître de conférences) at Arts et Métiers ParisTech (ENSAM) - Campus de Bordeaux
Institute of Mechanics and Engineering of Bordeaux (ex LAMEFIP) |
| 2008-2009 | • Research Engineer (Post-Doc) at the Ecole Centrale de Nantes
Laboratory GeM – EADS. |
| 2007-2008 | • Assistant professor at the Grenoble Institute of Technology
ENSHMG (now ENSE ³) – Laboratory of Rheology. |
| 2004-2007 | • PhD student at the university Joseph Fourier
Laboratory of Rheology |

DIVERS

- Coordinator for international relations (ENSAM – Campus de Bordeaux)
- Member of French scientific societies : AMAC, CSMA and MECAMAT
- Member of the GDR AMORE (Advanced Model Order Reduction)

MAIN PUBLICATIONS

International peer reviewed journals

E. Prulière,

[3D simulation of laminated shell structures using the Proper Generalized Decomposition](#)
Composite Structures, 117 (2014), pp 373–381

S. Metoui, **E. Prulière**, A. Ammar, F. Dau, I. Iordanoff,

[The proper generalized decomposition for the simulation of delamination using cohesive zone model](#)

Int. J. for Numerical Methods in Engineering, 99:13 (2014), pp 1000–1022

E. Prulière, F. Chinesta, A. Ammar, A. Leygue, A. Poitou

[On the solution of the heat equation in very thin tapes](#)

International Journal of Thermal Sciences 65 (2013), pp 148–157

E. Prulière, F. Chinesta, A. Ammar

[On the deterministic solution of multidimensional parametric linear and non linear models](#)

Math. and Computer Simulation 81:4 (2010), pp 791-810

E. Prulière, J. Férec, F. Chinesta, A. Ammar

[An efficient reduced simulation of residual stresses in composite forming processes](#)

Int. J. of Material Forming 3:1 (2010)

E. Prulière, A. Ammar, N. El Kissi, F. Chinesta

[Recirculating Flows Involving Short Fiber Suspensions: Numerical Difficulties and Efficient Advanced Micro-Macro Solver](#)

Archives of Computational Methods in Engineering 16:1 (2009), pp 1-30

E. Prulière, A. Ammar, F. Chinesta

[Empirical Natural Closure Relation for Short Fiber Suspension Models](#)

Int. J. of Forming Processes 10:3 (2007), pp 361-385

A. Ammar, **E. Prulière**, J. Férec, F. Chinesta, E. Cueto

[Coupling Finite Elements and Reduced Approximation Bases](#)

European J. of Computational Mechanics 18:5-6 (2009), pp 445-463

A. Ammar, **E. Prulière**, F. Chinesta, M. Laso

[Reduced Numerical Modeling of Flows Involving Liquid-Crystalline Polymers](#)

J. Non-Newt Fluid Mechanics 160:2-3 (2009), pp 140-156.

B. Mokdad, **E. Prulière**, A. Ammar, F. Chinesta

[On the simulation of kinetic theory models of complex fluids using the Fokker-Planck approach](#)

Applied Rheology 17:2 (2007) 26494, 14 pages