

Vincent TOURNAT

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Current position

First class researcher at CNRS

Education

Fundamental Physics and acoustics, University of Maine, Le Mans (France) 2000
Ph.D. University of Maine, Le Mans, (France) 2003

Career

Professor qualification in sections 60 and 28 (Mechanics, acoustics and solid state physics, 2011)
"Habilitation à Diriger des Recherches" (habilitation), Université du Maine, Le Mans (24th Nov. 2009)

2008 - present : 1st class researcher at CNRS, Laboratoire d'Acoustique de l'Université du Maine (LAUM), UMR-CNRS 6613, Le Mans, France.

2004 - 2008 : 2nd class researcher CNRS, LAUM UMR-CNRS 6613, Le Mans, France.

Dec. 2003 - Oct. 2004 : Post-doctoral fellow (fellowship of the JSPS, Japan Society for promotion of Science), Applied Solid State Physics Laboratory (Prof. O.B. Wright), picosecond acoustics and laser generation of ultrasounds, Hokkaido University, Japan.

Oct. 2000 - Nov. 2003 : Doctoral fellow (CNRS fellowship), LAUM UMR-CNRS 6613 (supervised by V. Gusev et B. Castagnède), acoustics of granular media, Le Mans, France.

Research visits : University of Chile, Santiago, Chile (October 2005, 1 month), Institute of Applied Physics, Nizhny Novgorod, Russia (November 2005, 2 weeks) Applied Solid State Physics Laboratory, Hokkaido University, Sapporo, Japan (January 2008, 5 weeks), Universidad Politecnica de Valencia, Gandia, Spain (October 2010, 5 weeks, October 2011, 1 month).

Honors and awards

Bronze medal of CNRS (2010)

Honorable mention of the RWB Stephens price, Elsevier, Ultrasonics (2005)

Yves Rocard price of the French Acoustical Society (2004)

First price of the PhD, Université du Maine (2003)

Professional activities

- ✓ Leader of the team "Acoustics and mechanics of materials" (AMM) at LAUM, since september 2009 (~20 academics, 15 PhD)
- ✓ Leader of the group "Acoustics of granular media" at LAUM (2004-2009)
- ✓ Nominated member of CNU (National Council of french Universities, section 60) since 2007
- ✓ Coordinator of collaboration programs with Russia, PAI (2004-2006), PECO-NEI (2006-2008), PICS (2009-2011)
- ✓ Associate Editor for Acta-Acustica United with Acustica since october 2010 (nonlinear acoustics)
- ✓ Reviewer for Projets "Cible" Région Rhône-Alpes, Reviewer BQR Univ. Paris 7, Reviewer for Région Bretagne, reviewer for the "Netherlands Organisation for Scientific Research, Reviewer for french ANR (3), reviewer for US department of Energy.

Summary of scientific production

38 papers in peer-reviewed international journals.

5 books or book chapters with ISBN.

68 contributions to workshops and conferences proceedings.

34 keynotes or plenary lectures in national and international conferences and workshops.

6 participation in conference organization as member of the organizing/scientific committees.

2 patents (1 european 2004, 1 japanese 2006)