Publications and Communications
Pedro Miguel Reis

List of publications:


**Press Coverage:**


[B.10] International press coverage of our article [A.16]: MIT TechTalk (USA), El Mercurio (Chile), The Globe and Mail (Canada), Malaysia Sun, Daily India, Ciencia Hoje (Portugal), KIKJ (Holland), Publico (Spain), NyTeknik (Sweden), Pour la Science (France), Science et Avenir (France).


**Invited Seminars:**

‘*Tearing as a test for mechanical characterization of thin adhesive films*’:

[C.22 Apr08] Invited lecture for course ‘Mechanics and Materials II’ (Professor Mary Boyce) Department of Mechanical Engineering, Massachusetts Institute of Technology, USA.

‘Cracking Sheets: Coupling elasticity of thin films with fracture’:

[C.21 Oct07] Mechanical Engineering, Massachusetts Institute of Technology, USA.

‘The venation network in leaves as Anticracks?’


[C.19 Aug06] Center for Soft Matter Research, New York University, USA.

‘Structure and dynamics of a uniformly heated granular fluid: How far from equilibrium?’:

[C.18 Feb08] Workshop ‘Crystallization and Jamming’, Lorentz Center, Holland.

[C.17 Feb07] Physics Department, Univ. of Beureuth, Germany.

[C.16 Dec06] Physics Department, Univ. of Konstanz, Germany.

[C.15 Apr06] MCND, Univ. Manchester, UK.

[C.14 Jan06] IUSTI/IRPHE, Marseille, France.
• The unzip instability: oscillatory fracture paths in thin elastic sheets:
  [C.12 Jan07] Maths Dept., Massachusetts Institute of Technology, USA.
  [C.11 Nov05] PGP, University of Oslo, Norway.
  [C.10 Dec05] Physics Department, Leiden University, Holland.
  [C.9 Apr05] Currant Institute, New York University, USA.
  [C.8 Apr04] Maths Dept., New Jersey Institute of Technology, USA.
  [C.7 Mar04] Levich Institute, City College of New York, USA.

• Gases, liquid and crystals in granular segregation:
  [C.5 May04] Maths Dept., Massachusetts Institute of Technology, USA.
  [C.4 Apr03] Nonlinear Dynamics Group, Univ. of Toronto, Canada.
  [C.3 Sep02] MCND, Univ. of Manchester, UK.

• Patterns in the Sand:
  [C.1 Dec02] Young Physicists Conference, Institute of Physics, Manchester, UK.

■ Contributed talks:

  [D.14 Mar07] ‘Anticracks in the venation network of leaves’, APS March meeting, Denver, USA.
  [D.12 Nov06] ‘Caging dynamics in a uniformly heated granular fluid’, Division of Fluids Dynamics of the APS, Tampa USA.
  [D.9 Nov05] ‘Caging dynamics in a uniformly heated granular fluid’, Division of Fluids Dynamics of the APS, Chicago, USA.
  [D.8 Mar05] ‘Velocity statistics of a uniformly heated granular fluid’, APS March meeting, Los Angeles, USA.
  [D.6 Mar04] ‘Oscillatory fracture paths in thin elastic sheets’, APS March meeting, Montreal, Canada.
[D.4 Mar03] ‘Gases, liquid and crystals in granular segregation’, APS March meeting, Austin, Texas, USA.


[D.1 Apr00] ‘Continuum modelling of granular media’ at the 1st CASM Workshop on Applied Mathematics, Univ. of Cambridge, UK.

**Posters:**


[E.1 Jul02] ‘Granular segregation in binary shallow layers as a critical phenomena’ at the Gordon Research Conference on Granular and Granular-Fluid Flows, Holderness School, NH, USA.