

Job/Fellowship Reference: C2008-IST/IDMEC.1

Main research field: Engineering

Sub research field: Mechanical Engineering

Job summary:

IDMEC/IST-1: *Modeling and Structural Optimization of Damped Adaptive Structures: Passive, Active and Hybrid Damping.*

Development of numerical inverse methodologies for the identification of mechanical, piezoelectric and viscoelastic properties of laminated adaptive structures and the development of efficient finite element models for the analysis of complex viscoelastic adaptive structures

The final selection of candidates for the open positions will be subject to a decision from FCT.

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Development of numerical inverse methodologies for the identification of mechanical, piezoelectric and viscoelastic properties of laminated adaptive structures and the development of efficient finite element models for the analysis of complex viscoelastic adaptive structures

Vacant posts: 1

Type of contract: Contrato a termo certo

Job country: Portugal

Job city: Lisboa

Job company/institute: Instituto Superior Tecnico

Application deadline: 17 Setembro 2008

(The Application's deadline must be confirmed on the Job Description)

2. Dados de contactos da organização

2. Organization contact data

Organization/institute: Instituto Superior Técnico-Instituto de Engenharia Mecânica

Address:

Av. Rovisco Pais, 1
Lisboa - 1049-001
Portugal

Email: carlosmota-soares@dem.ist.utl.pt

Website: <http://www.idmec.ist.utl.pt/>

3. Habilitações académicas

3. Required education Level

Degree: PhD - in related areas of the application field with

scientific publications and previous research experience are required in the application field

Degree field: Engineering

4. Línguas exigidas

4. Required languages

Language: English
Priority: Normal
Reading: Good
Writing: Good
Comprehension: Good
Conversation: Good

5. Experiência exigida em investigação

5. Required research experience

Main Research Field: Engineering
Research Sub-Field: Mechanical engineering
Years of Research Experience: 3 years

6. Juri

6. Selection Committee

Name: [Carlos A. Mota Soares](#)
Name: [Luís Braga Campos](#)
Name: [John T. McMullan](#)
Name: [Tony Atkins](#)
Name: [J. N. Ready](#)