

Job/Fellowship Reference: C2008-IST/IDMEC.2

Main research field: Engineering

Sub research field: Mechanical Engineering

Job summary:

IDMEC/IST-2: *Structural Health Monitoring Systems*

Structural Health Monitoring is an emerging technology, dealing with the development of techniques and systems for the continuous monitoring, inspection and damage detection of structures, with minimum labour involvement. An essential aspect of SHM, in commonality with every smart structure, and which make the difference to conventional NDE, is that sensors and actuators of the system are built-in to the structure, their useful life must be as long as the structural life itself.

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

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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: carlosmotasoares@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](#)