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PORTUGAL

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# Marco Luís Fernandes Caetano

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**Nationality:** Portuguese

**Age:** 28 years old

**Academic degree:** Graduation in Mechanical Engineering

**Actual occupations:** - Master student of Mechanical Engineering  
- Grant fellowship in powder materials area.

**Areas of interest:** - Production and characterisation of new materials  
- Powder coatings  
- Mechanical alloying  
- Mechanical properties of the materials  
- Intermetallics

**Publications:**

- "*Formation of Ti matrix composites for lightweight structural components by mechanical alloying and subsequent annealing*" - Bruno Trindade, Marco Caetano and Nelson Duarte. Advanced Materials Forum III (Pages 609-613). Trans Tech Publications Inc. 2006.

**Publications to be submitted:**

- At ISMANAM 2006 (Warsaw - Poland):

*"Effect of Cu on the sintering ability of a surface modified  $Ti_5Si_3$ -based alloy synthesized by Mechanical Alloying"* – Marco Caetano, Filipe Oliveira, Rui Silva, Fernando Simões and Bruno Trindade.

- At ICAMAMEM 2006 (Hammamet – Tunisia)

*"Synthesis of a lightweight Ti-10Al-5Mg (wt. %) alloy by mechanical alloying and subsequent annealing"* – Marco Caetano and Bruno Trindade.

**Languages:** Portuguese, English

French, Spanish and German (just the essential)

**Hobby's:** Music / Reading / Cinema / Tripping

