

1 Post-Doc position for “Experimental Soft Contact Mechanics”

[one year contract renewable]

Position info:

We are looking for **highly motivated, proactive** and **talented** candidates with background in experimental tribology, with strong emphasis on optical methods and electro-mechanical setup building, and familiarity with spectroscopy and microscopy characterization for surface analysis. The activities will also involve the adoption of simple micro-fabrication techniques (such as soft-lithography).

Applicants will contribute to the development of opto-electromechanical apparatus for the tribological investigation of soft contacts.

Eligibility criteria:

- PhD in engineering, physics, material science or related areas.
- Experience in experimental methods (optics and tribometry) and mechatronics
- Scientific curiosity
- Interest in taking part also in some theoretical activities
- Track record of publications in the relevant technical areas and projects will be a plus
- Fluent in written and spoken English (particularly scientific language)

IIT offers:

- Highly competitive salary
- Work with renown scientists in the field
- Work in collaboration with industry R&D (publications welcome)
- State of the art equipment
- Very active international environment (academic & industry)

Location: CBN-IIT, Arnesano-Lecce, Italy.

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Please email your statement of interest/motivation letter and CV to Prof. Michele Scaraggi, michele.scaraggi@iit.it