

# SPARC in Lisbon

## 5<sup>th</sup> SPARC Collaboration Symposium

September 1-4, 2009  
Lisbon, Portugal

### Scope

This symposium is organized by the Stored Particles Atomic physics Research Collaboration (SPARC) and the Atomic and Molecular Physics Division of the Portuguese Physical Society (Sociedade Portuguesa de Física). The SPARC collaboration has been formed within the new international Facility for Antiproton and Ion Research (FAIR) - at GSI, Darmstadt - Germany, and aims to provide a platform to strengthen collaborations and expertise in atomic physics with highly charged ions at an international level.

This symposium will review the present status of the scientific, technical and financial issues of the SPARC collaboration and establish the forthcoming activities. The program will include reports on the following topics:

- Critical and super-critical atomic fields
- HCl in traps and rings for spectroscopy
- Ions in intense laser fields
- Ion-matter interactions
- Technical developments
- Organizational and financial issues

We welcome contributions for poster presentation, especially from young researchers. Abstracts of all accepted contributions (oral and poster) will be published in the Book of Abstracts that will be distributed to all participants at the registration.

### Symposium venue

The symposium venue will be at the Caparica Campus of the New University of Lisbon (Universidade Nova de Lisboa – UNL), near the Costa de Caparica, 15 kilometers south of Lisbon, which provides magnificent ocean views. It is only 20 minutes from Lisbon Airport, 10 minutes from the centre of Lisbon and 5 kilometers from the beaches at Costa de Caparica.

### Fees and Accommodation

The attendance will be free of charge. Lunch will be available at the university campus.

The organization has made block reservations at special prices in the several hotels listed in the symposium webpage, which are within a walking distance from the conference venue. For students the organization made reservations of ten rooms at a university residence. Students should contact by e-mail the conference organization asking for room reservation.

### Important dates

Deadline for abstract submission: June 15, 2009

Deadline for registration: June 15, 2009

Further information and registration will be available in <http://sparc2009.df.fct.unl.pt/>.

The Organizing Committee:

- José Paulo Santos
- Ana Costa
- Pedro Amaro
- Mauro Guerra
- Thomas Stöhlker
- Reinhold Schuch