



# VI Workshop on Resistive Plate Chambers and Related Detectors

## 1<sup>st</sup> Bulletin

The Sixth Workshop on Resistive Plate Chambers and Related Detectors (RPC2001) will be held at the University of Coimbra, Portugal, 26-27 November 2001. Resistive Plate Chambers (RPCs) are today major components of many High Energy Physics and Astrophysics experiments, being the RPC2001 Workshop intended to be a forum for the presentation and discussion of developments and applications of gaseous particle detectors with parallel fields, including:

- Physics of the avalanche and streamer development
- Detector simulation
- Time and space resolution
- Performance of large systems
- Detector optimisation for long term experiments
- Current and future applications in particle physics and astrophysics
- Front-end electronics
- RPC-based trigger systems.

This is the sixth Workshop of a series that began at Lecce, Italy in 1991 and has run biannually in Rome, Pavia, Napoli and Bari.

### **ORGANISERS**

**LIP** – Laboratório de Instrumentação e Física Experimental de Partículas, Portugal.

**FCTUC** – Faculdade de Ciências e Tecnologia, Universidade de Coimbra, Portugal.

**ISEC** – Instituto Superior de Engenharia, Instituto Politécnico de Coimbra, Portugal.

### **LOCAL ORGANISING COMMITTEE**

P. Fonte, A. Blanco, R. Ferreira Marques, M. Fraga, A. Policarpo.

### **INTERNATIONAL ADVISORY COMMITTEE:**

- A. Breskin (Weizmann, Israel)
- R. Cardarelli (Rome II, Italy)
- G. Charpak (CERN, Switzerland)
- G. Iaselli (Bari, Italy)
- S. Patricelli (Napoli, Italy)
- V. Peskov (RIT, Sweden)
- Yu. Pestov (BINP, Russia)
- F. Piuz (CERN, Switzerland)
- A. Policarpo (Coimbra, Portugal)
- R. Santonico (Rome II, Italy)
- S. Ratti (Pavia, Italy)
- F. Sauli (CERN, Switzerland)
- J. Va'vra (SLAC, USA)
- A. Yamaguchi (Tohoku, Japan)

### **PATRONAGE**

The Portuguese Ministry of Science and Technology.

### **CORRESPONDENCE**

All mail should be addressed to the

**LIP - RPC2001**  
**Departamento de Física**  
**Universidade de Coimbra**  
**3004-516 COIMBRA, Portugal**

tel: (+351) 239 833 465; fax: (+351) 239 822 358  
email: [rpc2001@lipc.fis.uc.pt](mailto:rpc2001@lipc.fis.uc.pt)

### **PROCEEDINGS**

Similarly to the previous issue of the Workshop, contacts are under way with the **North-Holland Publishing Company** to publish the proceedings of RPC2001 as a special issue of **Nuclear Instruments & Methods in Physics Research, Section A**.

### **TRAVEL AND ACCOMMODATION**

The participants are kindly requested to make their own travel and accommodation arrangements.

A list of suitable hotels is available in the RPC2001 web site, along with hotel registration deadlines and prices agreed for the participants of the workshop. A detailed map of Coimbra is also available at the RPC2001 web site, where the hotels can be located. Those wishing to find hotel accommodation elsewhere, before or after the conference, may refer to the web page <http://www.semantix.pt/hoteis/hmovi1.htm>

There is a generally good train service between Lisbon (recommended airport) and Coimbra, and the same applies to the connections between Coimbra and Porto (another possible airport). Train timetables can be found at [http://www.cp.pt/horarios/e\\_tipos.html](http://www.cp.pt/horarios/e_tipos.html)

Additionally the organisation will provide some transportation services at selected occasions. Further details will be available in the Web page.

### **SOCIAL PROGRAM**

A social diner and cultural session will take place the 26<sup>th</sup> evening.

If sufficient requests will be received a bus tour may be organised on the Sunday 25<sup>th</sup>, that will visit several historical and gastronomical spots along the road from Lisbon to Coimbra and leave the interested participants and companions at their hotels in Coimbra.

### **WEB PAGE**

Most information about the Workshop will be posted in the Web page:  
[www-lip.fis.uc.pt/~rpc2001](http://www-lip.fis.uc.pt/~rpc2001)

### **2<sup>ND</sup> BULLETIN**

A second Bulletin containing detailed information about the registration in the Workshop and the submission of contributions will be posted in the conference Web site by the end of June.

A pre-registration facility will be available in the Web page for those wishing to receive the second bulletin by e-mail.