
**XIII Workshop on Resistive Plate Chambers and related detectors
(RPC2016)**Ghent University, Belgium
February 22-26, 2016**Bulletin No. 2**

The XIII workshop on Resistive Plate Chambers and related detectors (RPC2016) will take place at Ghent University in Belgium. RPC2016 continues the tradition of regular scientific meetings, first started in 1991 at Lecce, with following editions in Roma, Pavia, Napoli, Bari, Coimbra, Clermont-Ferrand, Seoul, Mumbai, Darmstadt, Frascati, and Beijing.

The RPC detection technique has found large application in LHC detectors and in astroparticle physics experiments. This edition of the workshop will focus on the design, performance and possible upgrade scenarios of large RPC systems, ageing and detector materials studies, electronics for RPCs, detector gas studies, applications of RPC detectors outside (astro)particle physics, and new ideas for RPC systems. The workshop will have invited reviews and selected contributions, as well as a poster session.

Limited support will be available for young deserving scientists. Applicants must send their CV before October 15th, 2015.

Participants that require an official letter of invitation in order to obtain a visa or for administrative purposes can contact the Local Organising Committee.

Further information can be found on the conference website.

Local Organising Committee

Simon Cauwenbergh, UGent
Eduardo Cortina, UCLouvain
Gilles De Lentdecker, ULB
Alexis Fagot, UGent
Muhammad Gul, UGent
Antoine Pingault, UGent
Deniz Poyraz, UGent
Dirk Ryckbosch, UGent
Linda Schepens, UGent (Secretary)
Michael Tytgat, UGent (Chair)
Ward Van Driessche, UGent

International Advisory Committee

Stefano Bianco, INFN Frascati
Roberto Cardarelli, INFN Roma2
Eduardo Cortina, UCLouvain
Paulo Fonte, LIP Coimbra

Diego Gonzalez-Diaz, CERN
Norbert Herrmann, Heidelberg Univ.
Giuseppe Iaselli, INFN Bari
Alfredo Musso, INFN Torino
Naba K. Mondal, TIFR
Sung K. Park, Seoul Univ.
Vladimir Peskov, CERN
Rinaldo Santonico, INFN Roma2
Archana Sharma, CERN
Walter Van Doninck, VUB
Yi Wang, Tsinghua Univ.
Akira Yamaguchi, Tohoku Univ.
Bing Zhou, Michigan Univ.

Program

The workshop program will include plenary sessions on

- Performance of RPC systems
- Simulations and modelling
- Detector ageing and material studies
- Triggering at high rates
- Applications outside particle physics
- New ideas/developments

A poster session will be organized. A preliminary schedule of the workshop and a list of keynote speakers is included on the conference website.

Registration Fee

The workshop fee is €400,00 to be paid online through credit card or in cash at the workshop.

The fee includes:

- Welcome reception
- Lunches (Monday to Friday)
- Social events
- Workshop dinner
- Proceedings

The fee for accompanying persons is €125,00 and includes the welcome reception, social events and workshop dinner.

Venue

RPC2016 will be held at *Het Pand* (<http://www.ugent.be/het-pand/en>), the culture and congress centre of Ghent University:

Het Pand
Onderbergen 1
9000 Gent
Belgium
Tel: +32 (0)9 264 83 05

This unique historical monument is a former Dominican Monastery, situated beside the river Leie in the historic centre of the city of Ghent. The conference centre is easily accessible by foot from most of the city hotels.

Format of the workshop

Talks are by invitation and by selection of contributing papers. A poster session is foreseen as well. A general schedule of the workshop is available on the website.

Lunch

All lunches (Monday to Friday) are included in the conference fee.

Accommodation

A number of rooms have been reserved for the duration of the conference in hotels within walking distance of the conference and city centre. A special fare is available for the hotels listed on the website. Please note that **participants are kindly invited to make the necessary arrangements for their own accommodation**. If not stated otherwise, the reservation will expire on **January 10th, 2016**. After this date, rooms will be subject to hotel availability.

When making arrangements with the hotels indicated on the website, please mention the code **RPC2016** to benefit from the special rates for this event. Please note that a €3,00 city tax is not included in the prices mentioned on the website.

Travel

Arriving by plane:

Ghent is located about 65km east of the international airport in Zaventem, *Brussels Airport*. From the airport, Ghent is easily reachable by train, leaving directly from the airport's own railway station, *Brussel-Nationale-Luchthaven*.

Arriving by train:

Frequent train connections to Ghent are available from any major city in Belgium. International fast train connections to Ghent (directly or via Brussels) are available from most major European cities. Participants arriving by train should exit at station *Gent-Sint-Pieters*. More details can be found on the conference website.

Arriving by car:

Ghent is located on the intersection of two major European motorways: the E17 connects Northern Europe to the South, and the E40 runs from the North Sea right across to Eastern Europe. From the **E17**, take the "Gent Centrum" exit. On the **E40**, from the motorway intersection in Zwijnaarde, follow "Antwerpen" (E17) and then take the "Gent Centrum" exit.

Getting to your hotel or the conference centre:

The conference centre and proposed hotels are located in the city centre of Ghent. The city centre is a pedestrian area.

Participants arriving by car can follow the P-route leading to the various car parks that give access to the city centre. Limited parking space could be available near your hotel, please verify when making your reservation.

From the railway station, *Gent-Sint-Pieters*, the city centre can be easily reached by public transport (tram). Taxi services are also available but are not recommended due to the high cost and possible traffic jams at rush hour (between 7.00-9.30 and 16.30-19.30).

Social program

A welcome reception, social dinner and one afternoon excursion are included in the conference fee.

For participants arriving on Sunday, an unofficial pre-workshop pub crawl and city walk will be organized in the evening at 7pm.

The welcome reception will be held at the Ghent Opera House on Monday evening at 6pm.

A social excursion is scheduled for Wednesday afternoon at 2pm. 2 options for the excursion are proposed; please specify your preference for either tour during your online workshop registration.

A workshop dinner is foreseen on Thursday evening at 7:30pm, in the Monasterium PoortAckere.

More details on the social events can be found on the conference website.

Important dates

15 October, 2015: Closing of call for support request – Deadline passed

6 November, 2015: Closing of call for abstracts

30 November, 2015: Abstract acceptance

10 January, 2016: Expiration of hotel reservation

31 January, 2016: Closing of registration

Registration

All participants are requested to register through the conference web site
<http://rpc2016.ugent.be/>

Contact

e-mail: rpc2016@ugent.be