

# Photon11



**Spa, Belgium – May 22–27, 2011**

**<http://www.photon11.be/>**

## **International Conference on the Structure and the Interactions of the Photon including the 19th International Workshop on Photon-Photon Collisions.**

This conference is a part of the series initiated in 1973 in Paris, as an International Colloquium on Photon-Photon Collisions at Electron-Positron Storage Rings, devoted to the hadronic interaction of photons. The latest Photon conferences took place in [Hamburg/DESY](#) (2009), in [Paris](#) (2007), in [Warsaw](#) (2005), and in [Frascati](#) (2003).

At the conference, recent progress in understanding photon-photon and photon-proton processes will be presented. In addition, recent results on astrophysics and other related topics will be discussed. This year's conference will cover the following topics:

- Electroweak and new physics
- Jets, quarkonia and heavy flavours
- Photon structure
- Prompt photons
- Small  $x$ , diffraction, and total cross sections
- Exclusive channels and resonances
- Vacuum polarisation and light-by-light scattering
- Low-energy photon experiments
- Photons in astroparticle physics
- Photon collider prospects and new acceleration techniques
- And related topics

First results and prospects of studying photon collisions at the LHC, as well as the physics potential of a future photon linear collider will play an important role in the topical sessions.

## Important dates:

April 30, 2011: Target date for abstracts

May 6, 2011: End of early registration payment

The conference takes place from May 22-17, 2011, in Spa (Belgium). The first session begins on Monday, May 23, at 9 a.m. The conference ends on Friday, May 27, around 2 p.m.

The SolCress conference center is located in a secluded forest area, a stone throw from the worldwide famous Spa terms, and only 15 min walk through the woods from the downtown Spa. In addition, Brussels, Liège and nearby towns offer many attractions, like the F1 race circuit at Spa-Francorchamps.

## Scientific program

This year's conference will cover the following topics:

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First results and prospects of studying photon collisions at the LHC, as well as the physics potential of a future photon linear collider will play an important role in the topical sessions.

To allow for proper consideration, the abstracts for the proposed talks should be sent before April 30 to any member of the program committee.

### Program committee:

J.R. Cudell (IFPA, Liège U.)  
L. Favart (IIHE-ULB, Bruxelles U.)  
I.P. Ivanov (IFPA, Liège U.)  
V. Lemaitre (CP3-UCL, Louvain U.)  
K. Piotrkowski (CP3-UCL, Louvain U.)  
M. Klasen (Inst. Theor. Phys., Münster U.)  
V. Telnov (IYF, Novosibirsk)  
J. Gronberg (LLNL, Livermore)  
S. Schlenstedt (DESY, Zeuthen)

## Registration

The conference fee is 300 EUR for senior participants and 250 EUR for students, and will cover the conference proceedings and conference dinner, coffee break drinks and biscuits, five lunches and welcome drink at SolCress. The registration should be done via the indico page <http://agenda.phys.ucl.ac.be/conferenceDisplay.py?confId=924>

For early registration and payment received before May 6 the reduced fee of respectively 250 and 200 EUR is offered. The conference fee should be paid directly to the organizers, and the lodging reservation and its costs directly to SolCress (of course, there are possibilities of staying in Spa hotels).

Persons accompanying the participants can take part in the conference dinner for an additional fee of 40 EUR.

More than 10 participants could be sponsored by waiving the registration fee and the lodging costs (or for more participants, if only one of the two will be waived).

## Lodging

There are up to about 140 places available at the SolCress center for the Photon11 participants. The lodging reservation and payments should be dealt directly with SolCress (of course, there are also possibilities of staying in the nearby Spa hotels, please consult the web). The requests will be attended to by the first-come, first-served principle.

Contact [n.vertommen@solcress.be](mailto:n.vertommen@solcress.be) for the SolCress reservations.

Room prices by night:

Student\* € 70,00

Twin room € 75,00

Single room €100,00

(\* minimum 3 persons per studio or apartment Spaloumont)

These prices include:

- Une nuitée
- Breakfast buffet
- Dinner: cold and hot buffet + dessert, with mineral water, 1/3 de vin Cuvée Sol Cress/person et café afterward



Family offers:

B&b Adults €50,00

B&b Enfant 12y+ €40,00

B&b Enfant 6-11y €35,00

B&b Enfant 2-5y €25,00

Dinner: cold and hot buffet + eau minérale à volonté :

Adults €25,00 (vin et café compris)

Enfant 12y+ €17,40

Enfant 6-11y €12,65

Enfant 2- 5y €8,65

## Travel information

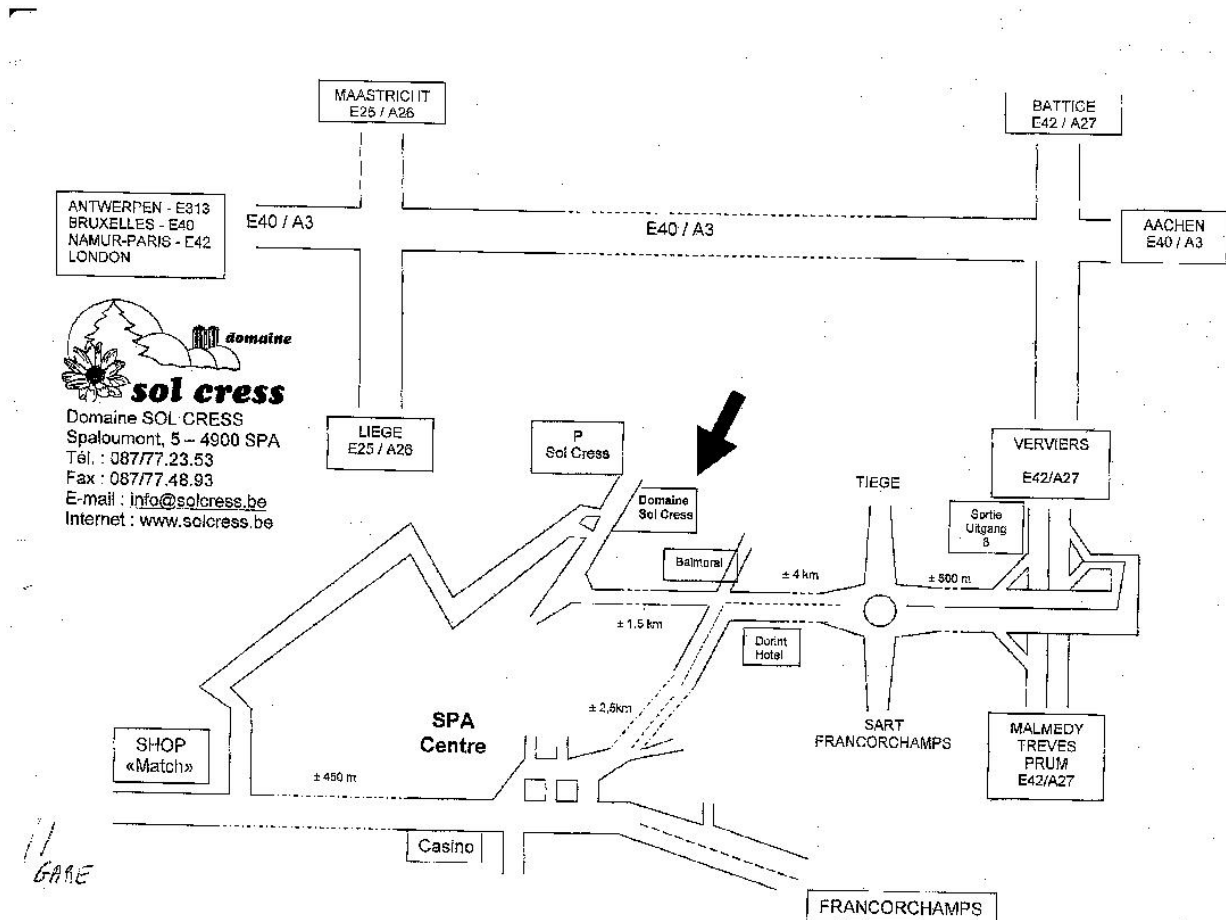
The conference takes place at the "Domaine Sol Cress" near Spa

- info SOL CRESS: [www.solcress.be/](http://www.solcress.be/)
- If you want to access by train:
  - Internet site of the belgian railroads: [www.b-rail.be/](http://www.b-rail.be/) (Choose "Spa[B]" as stop station)
  - Once you are at Spa railway station, go for a ten minutes walk towards "Hôtel Radisson SAS Palace" (Place Royale 39). Take the funicular (1€/ person):





- If you want access by car:



On Sunday May 22 shuttle service will be organized to bring participants from the Brussels-Zavetem airport and from the Spa train station.

## Proceedings page

The proceedings will be of the electronic, open access type. More details will follow soon.

## Social Program

The social program includes: Welcome drink on Monday evening, an excursion on Wednesday afternoon (20 EUR, paid at SolCress), and conference dinner on Thursday evening.

## Leisure time



**SolCress proposes 'La Route des Sources'** : half-day circuit - this route will guide you to five natural sources, via the sinusoid paths and vast forests...

### Informations pratiques:

- Vespa LX 50 cc avec un moteur 4 temps catalysé économe
- Le port d'un casque est obligatoire (compris dans le prix et fourni avec la Vespa)
- La vitesse maximale est de 45 km/h
- L'âge minimum est de 18 ans
- Vous n'avez pas besoin d'un permis moto mais bien d'un permis de conduire B
- Vous pouvez être à deux personnes sur une Vespa
- Prix : €80,00 par Vespa (10h à 18h). Réservoir rempli, assurance omnium et carte de route compris.
- Un guide peut vous accompagner : forfait de € 120,00 pour le guide

### Thermes:

- « **Les Thermes de Spa** » are situated only 200 m from SolCress.  
Special price : €15,00/person.

« Vivez l'évasion d'un pur moment de détente. Dans ce nouveau complexe majestueusement ouvert sur les Fagnes et surplombant la ville, vous embarquez pour un voyage aquatique étonnant. Avec leurs 800m<sup>2</sup> de bassins extérieur et intérieur les « Bains » offrent toutes les vertus du thermoludisme. Vous y savourerez le plaisir d'une relation intime et relaxante avec l'eau thermale issue de la source Clementine à environ 32° au gré de multiples jeux d'eau hydromassants. »

## International Advisory Committee

### Contacts

The conference address:

SolCress

Spaloumont 5 • B-4900 Spa

Belgique

Local Organizing Committee:

J.R. Cudell (IFPA, Liège U.)  
L. Favart (IIHE-ULB, Bruxelles U.)  
I.P. Ivanov (IFPA2, Liège U.)  
V. Lemaitre (CP3-UCL, Louvain U.)  
K. Piotrkowski, chair (CP3-UCL, Louvain U.)

Email: [contact@photon11.be](mailto:contact@photon11.be)

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The conference is sponsored by Université Catholique de Louvain, the Center for Cosmology, Particle Physics and Phenomenology (CP3), ReteQuarkonii network (FP7), Université de Liege, Université Libre de Bruxelles, IIHE, Belspo and PAI.