



# PHOTON-2015: International Conference on the Structure and the Interactions of the Photon

15 - 19 June, 2015

Budker Institute of Nuclear Physics, Novosibirsk, Russia

Conference Website: <http://photon15.inp.nsk.su/>

## Second bulletin

### Dear colleagues,

The Conference “PHOTON-2015” will be held at [Budker Institute of Nuclear Physics](#) (BINP), Novosibirsk, Russia, from 15 to 19 June, 2015.

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. The latest Photon conferences took place in Paris (2013), Spa (2011), Hamburg (2009), Paris (2007), 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.

### Scientific Program

In 2015 the conference will cover the following topics:

- Higgs and photons, electroweak and new physics
- Photon structure
- Jets and inclusive reactions
- Heavy flavor production
- DVCS and prompt photons
- Small x, diffraction, and total cross sections
- Resonances and exclusive processes
- Low-energy photon experiments, muon g-2, vacuum polarization and light-by-light scattering
- Photons in astroparticle physics
- Photon collider prospects, new acceleration techniques and future accelerators
- Related topics

The program will include plenary sessions only.

### Call for Contributions

In order to apply for an oral presentation in one of the topical sessions, please submit a title and an abstract through the conference home page. The deadline for abstract submission is May 17, 2015.

### Conference Venue and Transportation

The Conference will take place in the Budker Institute of Nuclear Physics in the Akademgorodok (Academytown) of Novosibirsk, Russia. Akademgorodok is situated 30 km from the downtown of Novosibirsk and 40 kilometers from the International Novosibirsk airport Tolmachevo.

Novosibirsk is Russia's third-largest city, situated 3000 km to the East from Moscow in the very heart of Siberia and can be reached by regular flights from Moscow and St-Petersburg (the flight takes four hours). There are also direct flights from Frankfurt, Berlin and Beijing.

Transportation from/to Novosibirsk airport Tolmachevo and the hotel “Zolotaya Dolina” (“Golden Valley”) will be provided by the Budker Institute at any time of the day/night. Please provide us with your arrival/departure dates/time and flight numbers not later than June, 8<sup>th</sup>. An Organizing Committee representatives will meet you at “Arrival” with the poster “your Family name”. The Conference shuttle bus between the hotel and Budker Institute will have the poster “PHOTON-2015”.

During the Conference please check your departure time in the list near the Organizing Committee (room 331).

### Registration Fee

The conference fee is **300** EUR payable at registration (cash, EUR or US \$ only are accepted!). The fee covers a conference kit, welcome reception, coffee breaks and lunches, the conference dinner, social program, proceedings and transportation from/to the Novosibirsk airport/railway station. The reg. fee for accompanying person is 100 Еu, для участников из России и стран членов ЕАЭС регистрационный взнос равен 6000 рублей (не касается местных участников).

The **Registration** will take place in the entrance hall of the BINP main building on Monday, June 15<sup>th</sup> from 9 a.m. to 10 a.m. The bus from the hotel “Golden Valley” to BINP leaves at 9:00.

### **Accommodation**

Participants of the Conference will be offered rooms in the hotel of the Siberian Branch of Russian Academy of Science "Zolotaya dolina" ("Golden Valley") located nearby the Budker Institute (15 minutes by foot). Hotel address: П'ича Street, 10, Novosibirsk, 630090 Russia, Phone: +7 (383) 330-3609, Check-in and check-out time: 12:00 (noon).

Please note that Organizing Committee will book the rooms for the Conference participants following your requests with big discount. Do not book rooms yourself directly!

Breakfast is not included in the room rate. If you wish to have breakfast, please book it (270 Rubles per day) upon your check-in. It is served in the hotel's Restaurant on the first floor. Please note, in Russia – the “European” ground floor is the “Floor number 1”.

You can pay for the hotel in cash (Russian rubles only) or by Visa/MasterCard/Maestro cards during the Conference days but not at the last moment. Travel cheques and Visa-Electron cards are not accepted. In addition guests have to add to their final bill 25% of one day room price for the reservation. When you leave the hotel to the airport and pass the room key last time to the Administrator on the first floor of the hotel, please draw their attention that you finally leave the hotel to avoid the payment for the extra time.

Walking from the hotel to BINP: see the [map \(380 kb\)](#). The distance is about 1,4 km.

### **Transfer between BINP and hotel on Monday, June 15<sup>th</sup>.**

The shuttle bus will be provided between the hotel “Zolotaya Dolina” ("Golden Valley") and BINP:

9 a.m. from the hotel to BINP

about 9 p.m. after Welcome Party from BINP canteen to the hotel.

### **Social Program**

The social program for participants and accompanying persons covered by the conference fee includes a welcome reception on Monday, June 15<sup>th</sup> and a Conference dinner (banquet) on Thursday, June 18<sup>th</sup>. We also offer guided tours through Akademgorodok and Novosibirsk and a performance in the Novosibirsk Philharmonic Theatre “[History of Adolphe Sax](#)” (dedicated to the 200-year anniversary of the inventor of saxophone) on Wednesday, June 17<sup>th</sup> (in order to buy tickets with good seats, please inform us by e-mail whether you are interested before May 24). If later, good seats or even tickets are not guaranteed.

### **During the Conference**

- A **badge** with your name received during the registration is your pass to the Institute. Please show it at the entry.
- The Organizing Committee is situated in room 331 of the main building (the 3rd floor), tel. 329-47-45.
- You can use your notebook for Wi-Fi Internet connection on the 3<sup>rd</sup> floor, near the Organizing Committee room and in the Conference Hall. Our public networks are BINP-Guest. Login and password will be provided.
- Schedule of **bus departure** from the hotel to the airport “Tolmachevo” (taking into account your flight time information) will be posted near the Committee room.

### **Presentations and file formats**

**Portability.** Your presentation is handled by a dedicated stand-alone computer running Windows, PowerPoint, Acrobat Reader and Quicktime. Please prepare your presentation in Microsoft PowerPoint 2003 (PPT) or Adobe Portable Document (PDF) format. Use only TrueType fonts and embed them (Click *Embed True Type Fonts* on the *Save* tab of the *Tools->Options...* screen before your final document *Save*). Ultimately your presentation has to be opened on a stand-alone Windows XP system optimized for the variety of attached hardware and not for the latest and most complete software suite.

You can load your presentations using the Conference Indico system (in Timetable you will have access to your talks). You can also ask to copy your presentation directly to the PC/notebooks in the Conference Hall during the coffee breaks or lunches.

## Meals

Coffee breaks will be served near the Conference Hall. A Conference Welcome Party on Monday is free to all participants. Lunches are included in the conference fee and will be served in the Canteen of the Budker Institute by special coupons provided during the registration. Please inform us about food limitations/preferences, if any. The Conference Dinner (Banquet) is included in the conference fee, local participants without talks or unregistered accompanying persons can buy banquet tickets during the registration.

A list of restaurants and café in Akademgorodok can be found by link <http://ssrc.inp.nsk.su/CKP/userdoc/cafe.html> with the map of Akademgorodok.

## Currency

Please note that all services (including hotel, meals, etc.) in Russia can be paid in Russian rubles only. 24h-bankomats operating with the VISA/MasterCard cards allow cash withdrawal in Russian rubles. Nearest ATMs are located in the hotel "Zolotya Dolina" ("Golden Valley"), in the post office near the hotel and in BINP. In banks of the Akademgorodok there is also cash currency exchange from US dollars and Euros. Some Novosibirsk banks also support Western Union service. Several banks are located at the post office in the nearest building to the hotel. The BINP nearest bank office is MDM bank (5-7 minute walk from BINP). Bank hours are from 9 a.m. to 8 p.m. Many shops, restaurants and cafes accept the Visa/MasterCard/Maestro cards.

## Power plugs

Please take into account that the standard electric voltage in Russia is 220V/50Hz. The European type (German) of power supply connectors are used. Namely, the distance between centers of plugs in a socket is 18 mm, the diameter of circular pins is 4 mm. American, UK and Asian plugs will not fit and therefore you may need a power plug adapter.



## Weather

June is a hot month in Novosibirsk with temperatures varying between 15C and 25C. However, dramatic changes of temperature are sometimes possible and we recommend to have warm clothes and umbrella.

## International Advisory Committee

S. Brodsky SLAC, Stanford  
A. de Roeck CERN, Geneva  
D. d'Enterria CERN, Geneva  
J. Engelen NIKHEF, Amsterdam  
V. Fadin BINP, Novosibirsk  
A. Finch Lancaster U.  
I. Ginzburg IM Novosibirsk  
J. Gronberg LLNL Livermore  
J. Gunion UC Davis  
K. Hagiwara KEK, Tsukuba  
F. Kapusta LPNHE, Paris  
U. Karshon Weizmann I., Rehovot  
M. Klasen Inst. Theor. Phys., MГjnster U.  
M. Krawczyk Warsaw U.  
E. Laenen NIKHEF, Amsterdam  
K. Moenig DESY, Zeuthen  
G. Pancheri INFN, Frascati  
K. Piotrkowski CP3-UCL, Louvain U.  
M. Risse Siegen U.  
S. Söldner-Rembold Manchester U.  
Y. Sakai KEK, Tsukuba  
T. Takahashi Hiroshima U.  
V.I. Telnov BINP, Novosibirsk  
S. Uehara KEK, Tsukuba  
M. Velasco Northwestern U.  
S.-S. Yu FNAL, Batavia  
F. Zomer LAL Orsay

## Local Organizing Committee

V.I. Telnov (chair)  
S.I. Eidelman (co-chair)  
F.V. Ignatov  
V.P. Druzhinin  
M.V. Kuzin  
A.A. Prokopenko  
A.N. Vinokurova

## Contact Information

Workshop website: <http://photon15.inp.nsk.su/>

Workshop E-mail: [photon15@inp.nsk.su](mailto:photon15@inp.nsk.su)

Fax: 7-383-330-7163

Chair: Valery Telnov ([telnov@inp.nsk.su](mailto:telnov@inp.nsk.su), tel. +7-383-329-4533)

Co-chair: Simon Eidelman ([s.i.eidelman@inp.nsk.su](mailto:s.i.eidelman@inp.nsk.su), tel. +7-383-329-4376)

Mail address:

Budker Institute of Nuclear Physics

11 Acad. Lavrentyev Pr.

Novosibirsk, 630090

Russia