



Alushta, Ukraine
September 12–16, 2011

Workshop on Beam Cooling and Related Topics

COOL 11

September 12 - 16, 2011, Alushta, Ukraine

hosted by JINR, Dubna and
Scientific Council of RAS on charged particle accelerators

FIRST CIRCULAR

Dear Colleagues,

Joint Institute for Nuclear Research (Dubna) will be hosting Workshop on Beam Cooling and Related Topics (COOL 11). The Workshop will be held at the Pansionat "Dubna" (Alushta, Crimea), September 12 - 16, 2011, hosted by JINR.

Up-to-date information about the workshop will be available on the COOL 11 website to be opened for registration by the end of the current year.

Workshop Layout

The workshop will highlight the following topics:

- Electron cooling
- Stochastic cooling
- Laser cooling
- Muon cooling
- Ionization cooling
- Storage and cooling of particles in antiproton and ion traps
- Other methods of phase space manipulation
- Cooled beam dynamics

Program

The Workshop will start on Monday morning, September 12 at 9 a.m. and finish on Friday, September 16 before lunch.

The Workshop will include invited presentation, oral contributions and poster sessions. It is planned to present as many as possible contributions in oral presentation. Those contributions, which will not be selected by International Program Committee for oral presentation will be shifted to a poster sessions.

Abstracts and Proceedings

Abstracts must be submitted to the SPMS system developed by the JACoW collaboration. Authors must register to the JACOW system before submitting an abstract.

The Proceedings will be published with JACoW. The proceedings will be provided to the participants on a CD. If a sufficient number of participants express their interest, a printed copy will be provided that must be paid at the Workshop. Please indicate your interest in the registration form.

Workshop Venue

The Workshop will be held at the Pansionat "Dubna" (<http://www.dubna-crimea.com/en/>) in Alushta.

Alushta is an administrative district of Autonomous Republic of Crimea, Ukraine. Alushta is one of the most ancient populated areas of the Southern Coast of Crimea (known from the VIth century). But it obtained an official status only 100 years ago in 1902. Alushta today is a center of resort zone which is more than 80 km long. The town is situated in the vastest valley of the Southern Coast. Mountains surround Alushta as in amphitheater and step back from the Black-Sea 5-10 km. Population is 40000 in accordance with the last official data. Presented nationalities are Russian, Ukrainian, and Tatar.

Call for Contributions and Registration

All colleagues interested in the related fields listed above are cordially invited to participate in the Workshop and present contributions in oral or poster format.

Social events

include a reception evening, a conference banquet and a conference excursion to local points of interest.

Accompanying persons

All social events will be available as well for accompanying persons. An excursion program will be available as well for accompanying persons by personal request.

Insurance

Attendants of the workshop have to take care of proper health and personal liability insurance. No responsibility can be taken by the organizers.

Visa information

Each registered COOL 11 Workshop participant will receive an invitation letter for the visa application from JINR. The invitation letter does not imply any undertaking to support the participant financially.

Travel

Getting to Alushta. Crimea's transportation harbor is Simpheropol. Here is Ukraine's only airport with flights from other Ukrainian cities and a few international destinations, and this is where most people get off the train to travel to Yalta and Crimea's South Shore. Planes fly to Simpheropol from Kyiv Zhulyany airport every day. All the trains are overnight (14-16 hours) and have beds for sleeping (more on traveling by train in Ukraine). The distance from Simferopol airport to Alushta is 65 km. You can get to Alushta by car, in a taxi or a cab, by bus or trolleybus. The distance from the Simferopol railway station to Alushta is 60 km. You can ride in a car, take a taxi or a cab, by bus or trolleybus.

Organizing committee will provide transportation from Simpheropol to Alushta by personal request.

Important Dates

Abstract submission 21 March – June 12

Registration 21 March – 29 July

Deadline for registration and room reservation – 29 July

Deadline for early registration fee – 12 June

International Program Committee

Igor Meshkov (JINR, Dubna, Russia) – Co-Chair

Alexander Skrinsky (BINP, Novosibirsk, Russia) – Co-Chair

Markus Steck (GSI, Darmstadt, Germany) – Co-Chair

Ekaterina Akhmanova (JINR, Dubna, Russia) – secretary

Ilan Ben-Zvi (BNL, Brookhaven, USA)

Hakan Danared (MSL, Stockholm, Sweden)

Jürgen Dietrich (IKP FZJ, Jülich, Germany)

Manfred Grieser (IMP, Heidelberg, Germany)

Takeshi Katayama (GSI, Germany)

Dieter Möhl (CERN, Switzerland)

Sergei Nagaitsev (FNAL, Batavia, USA)

Akira Noda (Kyoto University, Japan)

Vasily Parkhomchuk (BINP, Novosibirsk, Russia)

Dieter Prasuhn (IKP, Jülich, Germany)

Andrew Sessler (LBNL, Berkeley, USA)

Grigori Shirkov (JINR, Dubna, Russia)

Gerard Tranquille (CERN, Switzerland)

Xiao Dong Yang (IMP, Lanzhou, China)

Andreas Wolf (IMP, Heidelberg, Germany)

Organizing Committee

Grigory Shirkov (JINR, Dubna, Russia) – Chair

Igor Meshkov (JINR, Dubna, Russia) – Co-Chair

Grigory Trubnikov (JINR, Dubna, Russia) – Co-Chair

Roman Pivin (JINR, Dubna, Russia) – secretary

Olga Matyukhina (JINR, Dubna, Russia) – secretary

Ekaterina Akhmanova (JINR, Dubna, Russia)

Alexander Philippov (JINR, Dubna, Russia)

Kristina Zhdanova (JINR, Dubna, Russia)

Contacts

Email: cool11@jinr.ru

Workshop website: <http://cool11.jinr.ru/>