



## Document information

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## Introduction

The BINP management makes a strong effort for internationalization of the SCT project. A wide international collaboration around activities on accelerator and detector R&D, physics simulation and physics case studies are necessary conditions for sustainable development of the project. In view of this understanding, the following activities are being reinforced:

- Promotion of the SCT among Russian and foreign senior officials and decision-making bodies
- Promotion of the SCT in the high energy physics and particle accelerators communities including
  - Holding dedicated international workshops
  - SCT presentation at international conferences and workshops
  - SCT seminars at leading research institutions
- Cooperation with leading research institutions for joint accelerator and detector R&D
- Internationalization of the SCT working groups and attraction of new partners
- Inclusion the SCT project in the European Strategy for Particle Physics

## Selected events

### **10<sup>th</sup> GSO meeting, October 2017, Dubna (Russia)**

The 10<sup>th</sup> Meeting of the Group of Senior Officials (GSO) on Global Research Infrastructures (GRI) was held in Russia. The SCT project was presented by BINP director Pavel Logachev during the GSO session at JINR, Dubna.

<http://www.jinr.ru/posts/gso-meeting-shared-research-area-and-strategy-coordination/>

### **HIEPA Workshop, March 2018, Beijing (China)**

The 2<sup>nd</sup> workshop on High Intensity Electron-Positron Accelerator (HIEPA) was held in Beijing. Several BINP experts on particle accelerators and particle detectors took part in this workshop. The SCT accelerator concept and BINP R&D activity for particle identification system based on aerogel were presented.

A suggestion for joint SCT and HIEPA efforts on detector R&D was articulated and supported by the workshop participants during a discussion session.

<http://cicpi.ustc.edu.cn/hiepa2018/>

### **BRICS WG meeting, March 2018, Campinas (Brazil)**

The 2<sup>nd</sup> meeting of the BRICS working group on research infrastructure and mega-science projects was held in Brazil. Delegations from Russia, Brazil, India and South Africa attended the meeting.

A 10-minute presentation by the Russian facilities that have potential to compose the BRICS Platform of Sharing Infrastructures took place. The SCT project was presented as an item on the list of future Russian facilities.

### **“Workshop focusing on internationalization and joint research for SCT”, 26-27 May 2018, BINP**

The workshop was organized in the framework of the EU-funded CREMLIN project. It was attended by about 100 participants including 42 non-Russian participants. Particle detection technologies in the context of SCT project was the main topic of the workshop. This workshop is described in detail in the CREMLIN Deliverable 7.3

<https://indico.inp.nsk.su/event/13/>

### **Seminars and contributions to international workshops and conferences**

All relevant events are listed on the following wiki-page:

[https://ctd.inp.nsk.su/wiki/index.php/SCT\\_talks](https://ctd.inp.nsk.su/wiki/index.php/SCT_talks)

### **Joint Workshop of Future Tau-Charm Factory, LAL, Orsay, France (planned)**

This workshop is scheduled for December 4-7, 2018. The SCT and HIEPA projects progress reports are going to be presented at this workshop.

<http://workshop-tau-charm-factory.lal.in2p3.fr>

## **SCT detector International Advisory Committee**

The 1<sup>st</sup> meeting of the SCT detector IAC took place during the May workshop in BINP. The IAC is composed of leading experts in particle physics and detector technologies:

1. Dr. GRANCAGNOLO, Francesco (INFN Lecce, Italy)
2. Prof. KUDENKO, Yury (INR, Moscow, Russia)
3. Dr. LINSSEN, Lucie (CERN, Switzerland)
4. Prof. LUSIANI, Alberto (Scuola Normale Superiore, Italy)
5. Dr. MITCHELL, Ryan (Indiana, USA)
6. Prof. PENG, Haiping (USTC, Hefei, China)
7. Prof. PICH, Antonio (IFIC, Univ. Valencia - CSIC, Spain)
8. Prof. RITMAN, James Lambrecht (Juelich, Germany)
9. Dr. ROIG GARCES, Pablo (Cinvestav, Mexico)
10. Prof. WAS, Zbigniew (IFJ PAN Cracow, Poland)
11. Prof. YUAN, Changzheng (IHEP, Beijing, China)
12. Prof. ZHAO, Zhengguo (USTC, Hefei, China)
13. Dr. SEFKOW, Felix (DESY, Germany) (Dr. F. Sefkow was not able to attend the first IAC meeting)

The IAC expressed general support of the SCT project and issued a document with recommendations for the SCT project. The recommendations are supposed to help in establishing the strategic approaches for successful development of the SCT project. Among them:

- Broad simulation effort for the experiment at this stage of the SCT project;
- Setting up a preliminary, but clear project management structure; regular meetings of the SCT detector working groups (WGs) and active formation of international expert groups involved in the WGs;
- Establishing a detailed roadmap towards finalization of the detector CDR and TDR;
- Providing a good visibility of the SCT project in the particle physics and accelerator communities.