

Welcome to the first Joint Workshop on Future Tau-Charm Factory

Joint Workshop on future **tau-charm** factory

December 4-7, 2018

Laboratoire de l'Accélérateur Linéaire
Orsay, France

Expected physics reach
Accelerator development
 τ factory detector solutions

International Advisory Committee

Adrian Bevan (Queen Mary University, London)
Fabrizio Bianchi (Torino University)
Hai-Yang Cheng (Academia Sinica, Taiwan)
Michel Davier (LAL, Orsay)
Francois le Diberder (LAL, Orsay)
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Alessandro Variola (LAL, Orsay)
Zbigniew Was (IFJ PAN, Cracow)
Changzheng Yuan (IHEP, Beijing)
Zhengguo Zhao (USTC, Hefei)
Binsong Zou (ITP, Beijing)

Program Committee

Marica Biagini (INFN-LNF, Frascati and LAL Orsay)
Evgeny Levichev (BINP, Novosibirsk)
Jianbei Liu (USTC, Hefei)
Jianping Ma (ITP, Beijing)
Véronique Puill (LAL, Orsay)
Luo Qing (USTC, Hefei)
Achille Stocchi (LAL, Orsay)
Yury Tikhonov (BINP, Novosibirsk)
Vitaly Vorobiev (BINP, Novosibirsk)

Local Organising Committee

Vladislav Balagura (LLR)
Sergey Barsuk (LAL)
Damir Becirevic (LPT)
Catherine Bourge (LAL)
Valérie Brouillard (LAL)
Giovanni Calderini (LPNHE)
Andrii Usachov (LAL)
Eric Voutier (IPNO)



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



Outline of the program

Tuesday, December 4

Physics Day (convenors Jianping Ma, Achille Stocchi, Vitaly Vorobiev)

Reception and Poster session

Group photo

Wednesday, December 5

Accelerator Day (convenors Marica Biagini, Eugene Levichev, Luo Qing)

Thursday, December 6

Detector Day (convenors Jianbei Liu, Yuriy Tikhonov, Véronique Puill)

Conference Dinner

Friday, December 7

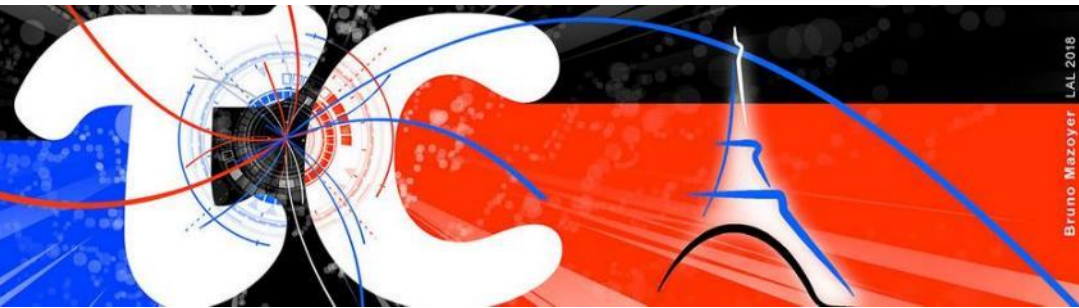
Summaries: Physics, Accelerator, Detector, IAC summaries

Visits

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Practical details

Coffee breaks, Reception and Poster session will be organized in **LAL cafeteria**

Coffee breaks: in-between morning and afternoon sessions and after lunch

Group photo: in front of the main entrance to LAL

Posters available during the entire conference

Tuesday: in LAL cafeteria, please come to put them on before 19-00

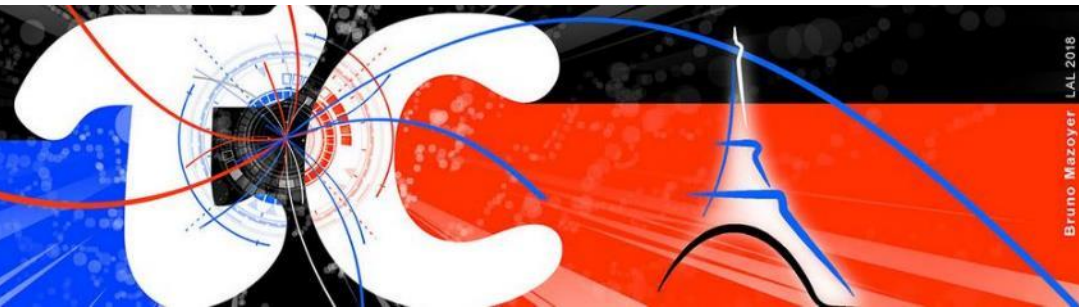
Wednesday to Friday noon: in the Entrance hall in front of Auditorium

**Lunches will be available in Bures University restaurant 13h15-14h00,
please use the tickets from the conference kit**

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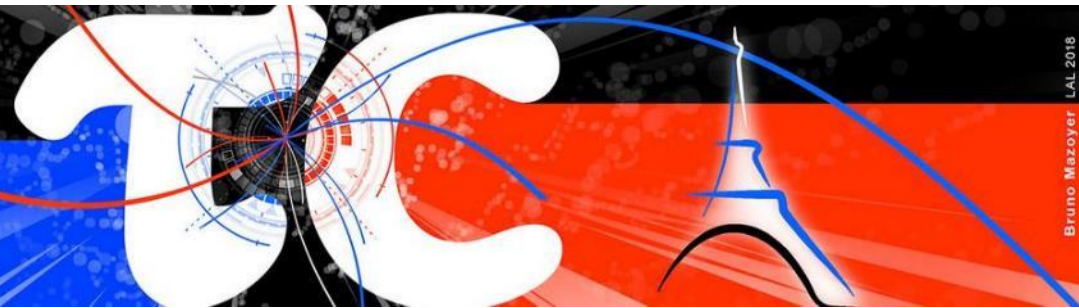
Posters

- ❑ The CpFM: a high-sensitivity charged particles flux-monitor for accelerators physic,
Sébastien Dubos (LAL)
- ❑ Timepix detector operation at CERN accelerator facilities,
A. Natochii (LAL, Kiev U)
- ❑ PID system for STC factory project based on threshold aerogel Cherenkov detectors,
E. Kravchenko (BINP)
- ❑ Pixel detector for the upgrade of the ATLAS tracker,
Abdenour Lounis (LAL)
- ❑ A fast simulation tool for STCF physics studies,
Xiaodong Shi (USTC)
- ❑ Study of STCF beam background,
Huangchao Shi (USTC)
- ❑ R&D on a pico-second timing TOF detector,
Xin Li (USTC)
- ❑ Recent results from integration of BESIII CGEM and electronics,
Gianluigi Cibinetto (Universita' degli Studi di Ferrara)
- ❑ Status of calorimeter simulation for Novosibirsk STC factory project,
V. Ivanov (BINP)
- ❑ Small-Strip Thin Gap Chambers for the ATLAS experiment,
V. Solovyev (PNPI)
- ❑ FARICH system: prototyping and simulation progress report,
Victor Bobrovnikov (BINP)

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Practical details

Conference Dinner schedule and details

Thursday, December 6

18-00 – 20-00 : visit of museum

20-00 – 23-00 : dinner in the museum restaurant

Enter Orsay museum by **entrance C**

Please note that:

- Luggage, suitcases etc. are not permitted in the museum
- Exit from the museum is definitive: once entered, we are allowed to exit only once (at the end of the evening)
- Smoking is not permitted in the museum

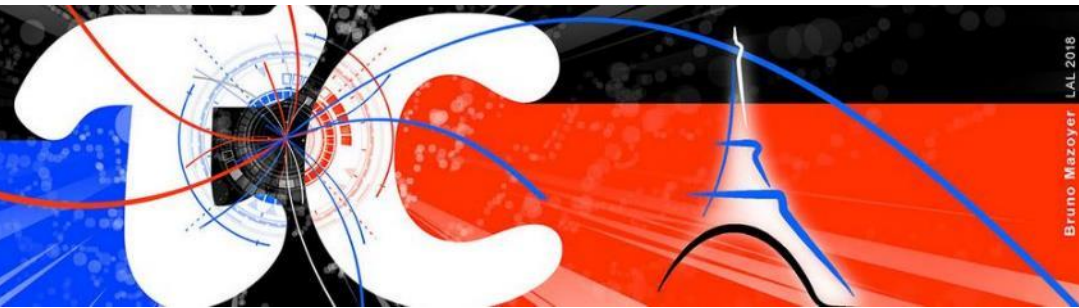
Please collect your entrance ticket to Orsay Museum on Tuesday morning !



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Visits: Friday, December 7

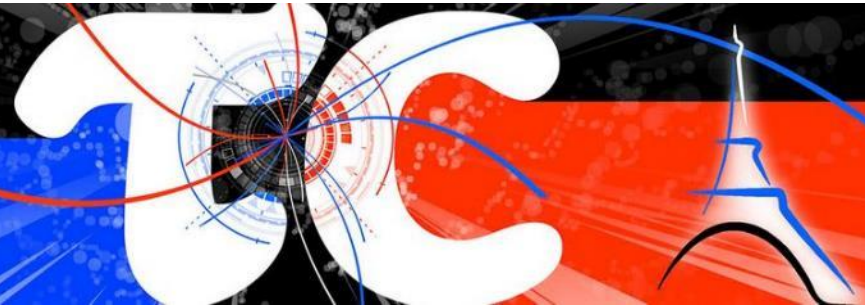
ThomX accelerator at LAL
SupraTech platform at IPNO

We might need to split in two groups for the visits
The groups will live at 14-30 from the main entrance of LAL

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In case of problems or questions, please
contact the conference desk

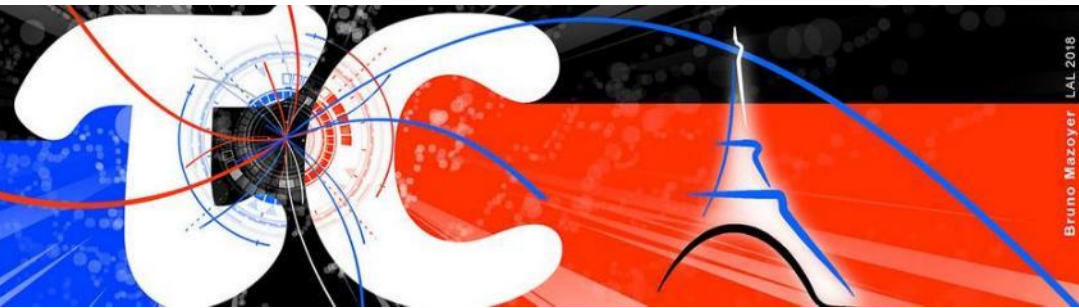
or dial the workshop phone number:

+33 6 86 30 76 78

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Have a very successful workshop !

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