



Call for registration & Call for abstract submission

Paul Scherrer Institute, Switzerland, April 19, 2016

Dear Colleague,

The abstract submission for the 4th International Workshop on the **Physics of fundamental Symmetries and Interactions – PSI2016** – to be held at the Paul Scherrer Institute (PSI), Switzerland, October 17-20, 2016, is now open.

Scientific program

The workshop focuses on the physics at the low energy, high precision frontier without neglecting complementary approaches. It aims at highlighting present activities and future developments and will consist of plenary sessions, including invited introductory presentations to main topics and a poster session central to the scientific discussion at the workshop.

Scientific topics include:

- Low energy precision tests of the Standard Model
- Fundamental physics and precision experiments with muons, pions, neutrons, antiprotons, and other particles
- Searches for permanent electric dipole moments
- Searches for symmetry violations and new forces
- Precision measurements of fundamental constants
- Exotic atoms and molecules
- Precision magnetometry
- Advanced muon and ultracold neutron sources
- Advanced detector technologies

Please note, a [Satellite Workshop on muonic Atom Spectroscopy](#) will take place on Friday, October 21, 2016 at PSI.

Key dates

Deadline for guaranteed hotel reservation	June 30, 2016
Early registration deadline	June 30, 2016
Abstract submission deadline	August 14, 2016
Welcome reception	October 16, 2016
Workshop	October 17-20, 2016
Satellite Workshop	October 21, 2016

Confirmed invited speakers

Aldo Antognini	PSI & ETHZ
Hartmut Abele	ATI Vienna
Klaus Blaum	MPI Heidelberg
Dima Budker	Univ. Mainz
Paolo Crivelli	ETHZ
Andreas Crivellin	PSI
Jens Dilling	TRIUMF (- tentative -)
Michael Doser	CERN
Nadia Fomin	Univ. Tennessee
Makoto Fujiwara	TRIUMF
Gerald Gabrielse	Harvard Univ.
Philip Harris	Univ. Sussex
Blayne Heckel	Univ. Washington (- tentative -)
Werner Heil	Univ. Mainz
David W. Hertzog	Univ. Washington
Masahiko Iwasaki	RIKEN
Jörg Jäckel	Univ. Heidelberg (- tentative -)
Frank Maas	Univ. Mainz
Chloe Malbrunot	CERN
William J. Marciano	BNL
Satoshi Mihara	KEK - tentative
Holger Müller	UC Berkeley
Krzysztof Pachucki	Univ. Warsaw
Massimo Passera	INFN - Padova
Maxim Pospelov	Univ. Victoria & Perimeter Institute
Michael Ramsey-Musolf	Univ. Massachusetts
Naohito Saito	KEK and J-PARC
Alexander Saunders	LANL
Yannis Semertzidis	CAPP/KAIST
Nathal Severijns	Univ. Leuven
Christian Smorra	CERN
W. Michael Snow	Indiana Univ.
Lorenz Willmann	Univ. Groningen

Scientific presentations, abstracts and proceedings

Please register and submit your abstract as indicated in <http://www.psi.ch/psi2016>.

Oral and poster presentations will be selected from the submitted abstracts. Once uploaded, the presentations will only be available to all registered delegates of the workshop. About one week after the workshop the presentations will be made publicly available.

We do not plan to publish proceedings.

Registration and practical information

In order to participate in the workshop you must register following the procedure given at <http://www.psi.ch/psi2016> - Registration.

Regular registration fee is 520 CHF (450 CHF before July 1). There is a student fee of 400 CHF (300 CHF before July 1).

The registration fee includes access to the workshop, welcome reception on Sunday, all coffee breaks, 4× lunch in PSI's onsite restaurant, conference dinner on Wednesday, and bus transfers between PSI and Zurzach. **Accommodation is NOT included.**

For room reservations please contact info@thermalquelle.ch directly and indicate 'PSI2016' to get a room of the block reservation at the special rate (<http://www.psi.ch/psi2016> - Accommodation).

Bus transportation between the Hotels in Zurzach to the workshop at PSI will be available.

Special inquiries and requests should be directed by Email to the conference secretary (psi2016@psi.ch). Visits to PSI's experimental facilities will be possible during the workshop.

International advisory committee

A. Baldini	INFN & U. Pisa	D. Bryman	Univ. British Columbia
B.W. Filippone	CALTECH	K. Jungmann	Univ. Groningen
P. Kammel	Univ. Washington	I. Khriplovich	Univ. St. Petersburg
V.A. Kostelecky	Indiana Univ.	Y. Kuno	Osaka Univ.
W.J. Marciano	BNL	T. Mori	Univ. Tokyo
M. Pohl	Univ. Geneva	L. Roberts	Boston Univ.
H. Shimizu	Nagoya Univ.	A. Weis	Univ. Fribourg
E. Widmann	SMI - Vienna	O. Zimmer	ILL

Organizing committee

Klaus Kirch	ETHZ & PSI	klaus.kirch@psi.ch
Bernhard Lauss	PSI	bernhard.lauss@psi.ch
Stefan Ritt	PSI	stefan.ritt@psi.ch
Adrian Signer	PSI & Univ. Zurich	adrian.signer@psi.ch
Anita Van Loon-Govaerts	PSI	psi2016@psi.ch

Contact address

Mrs. Anita Van Loon-Govaerts
Paul Scherrer Institute
WMFA/C12
CH- 5232 Villigen PSI
Switzerland

Tel.: +41 56 310 3254
Email: psi2016@psi.ch

Detailed information

<http://www.psi.ch/psi2016>