

nas 2018



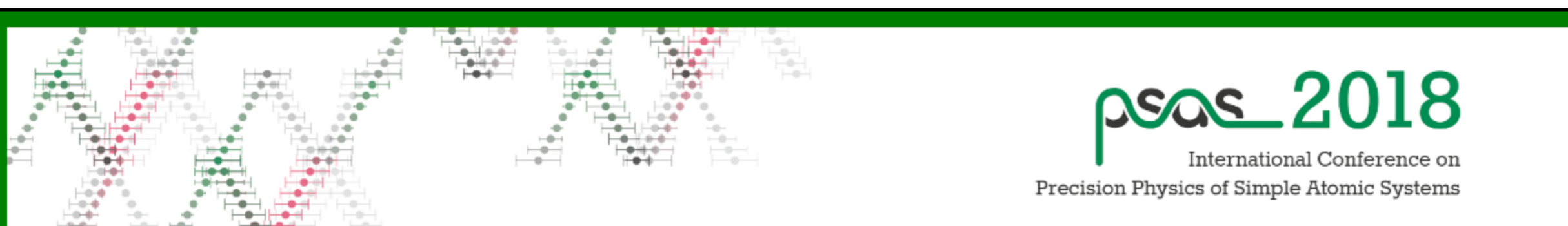


Welcome to PSAS2018

- 10th PSAS
- 121 participants, > 100 contributions
 - 67 talks
 - 34 posters
- Tight program, short talks
- On several occasions
 - combined discussion sessions for similar topic presentations



- Last minute changes: up-to-date program on indico
- book of abstracts not updated



Sunday	Monday 14th of May	Talk Time (min)	Tuesday 15th of May	Talk Time (min)	Wednesday 16th of May	Talk Time (min)	Thursday 17th of May	Talk Time (min)	Friday 18th of May	Talk Time (min)	
9:00	WELCOME Karshenboim, Widmann	25	Tu1 Makoto Fujiwara TRIUMF, Vancouver, CA / ALPHA	25	We1 Michael Heiss ETH, Zürich, CH	25	Th1 Lakshmi Natarajan Univ. Mumbai, IN	25	Fr1 Shuiming Hu Univ. Science & Technology, CN	25	
Mo1	David Newell Gaithersburg, US / NIST	30	Masaki Hori MPQ, Garching, DE	25	Gregory Adkins F&M College, Lancaster, US	25	Dmitry Glazov St. Petersburg State Univ., RU	25	Piotr Wcislo N. Copernicus Univ., Torun, PL	25	
New SI	Arnold Nicolaus Braunschweig, DE / PTB	20	Filip Ficek Jagiellonian Univ., Krakow, PL	20	Toya Tanaka Univ. Tokyo, JP	25	Stefan Schmidt Univ. Mainz, DE	20	Cunfeng Cheng Vrije Univ. Amsterdam, NL	20	
≈ 10:30	Lara Risegari LCM-LNE Cnam, FR	20	Stefan Ulmer RIKEN, JP / BASE	25	Anna Soter PSI, Villigen, CH	20	Andrzej Czarnecki Univ. Alberta, Edmonton, CA	20	Dmitrii Chubukov St. Petersburg State Univ., RU	20	
COFFEE	10:35 to 11:05 30		10:35 to 11:00 25		10:35 to 11:05 30		10:30 to 11:00 30		10:30 to 11:00 30		
≈ 11:00	Mo2 Xin Tong WIPM, Wuhan, CN	25	Tu2 Stephan Schiller Univ. Düsseldorf, DE	25	We2 Mariusz Puchalski A. Mickiewicz Univ., Poznań, PL	30	Th2 Catalina Oana Curceanu INFN, Frascati, IT	30	Fr2 Fabian Allmendinger Univ. Heidelberg, DE	20	
Special Transitions	Remi Geiger LNE-SYRTE, Paris, FR	20	Fabian Heiße MPI-K, Heidelberg, DE	25	Edcel Salumbides Vrije Univ. Amsterdam, NL	30	Emiliano Mocchiutti INFN, Trieste, IT	25	Dionysios Antypas Helmholtz Institute, Mainz, DE	20	
	James Calvert LNE-SYRTE, Paris, FR	20	Jean-Philippe Karr Univ. d'Evry-Val d'Essonne, FR	20	Stefania Gravina Univ. Luigi Vanvitelli, Caserta, IT	25	Sohtaro Kanda RIKEN, JP	25	Leonid Skripnikov PNPI, Gatchina, RU	20	
≈ 12:30	Carl Carlson College W&M, Williamsburg, US	20	Vladimir Korobov BLTP JINR, Dubna, RU	20			Savely Karshenboim MPQ, Garching, DE	20	Bernhard Maaß TU Darmstadt, DE	20	
LUNCH	12:30 to 14:00 90		12:30 to 14:00 90		12:30 to 14:15 105		12:40 to 14:00 80		12:20 to 13:40 80		
≈ 14:00	Mo3 Claudio Lenz Cesar Fed. Univ. Rio d. Janeiro, BR / ALPHA	25	Tu3 Zoltan Harman MPI-K, Heidelberg, DE	25	Excursion Stift Klosterneuburg 14:15 Meeting Point: Schwedenplatz (15min walk from Venue!) 14:30 Bus Departure 15:15 to 17:15 Guided Tour Stift Klosterneuburg		Th3 Yu Sun Univ. Science & Technology, CN	25	Fr3 Hailong Ma IHEP, Beijing, CH / BESIII	30	
Antihydrogen	Bernadette Kolbinger SMI, Vienna, AT / ASACUSA	45	Martin Höcker MPI-K, Heidelberg, DE	20			Helium 3-body-system	Wim Vassen Vrije Univ. Amsterdam, NL	20	Johan Messchendorp Univ. of Groningen, NE / BESIII	20
	Chloé Malbrunot CERN, CH / ASACUSA	45	Andreas Hannes Mooser RIKEN, JP	25			Li-Yan Tang WIPM, Wuhan, CN	25	Sergei Gribanov BINP, Novosibirsk, RU	20	
≈ 15:30	Valery Nesvizhevsky ILL, Grenoble, FR	25	Fabian Schmid MPQ, Garching, DE	20			Kelin Gao WIPM, Wuhan, CN	25	Ivan Logashenko BINP, Novosibirsk, RU / CMD-3	45	
COFFEE	15:35 to 16:05 30		15:30 to 16:00 30				15:35 to 16:05 30		Closing Remarks		
≈ 16:00	Mo4 Eite Tiesinga Gaithersburg, US / NIST	30	Tu4 Lothar Maisenbacher MPQ, Garching, DE	30	Conference Dinner Stiftskeller 17:30 to 21:30 Bus departure (21:30) from underground parking		Th4 Rene Sedmik Atominstytut, TU Wien, AT	25	LEGEND Fundamental Constants & Transitions Antimatter Exotic Atoms QED, g-factors Electron, Muon, Few Electron Systems... Atoms & Molecules Proton-Radius Puzzle other Cosmology, Symmetry, Hadrons Poster Sessions & Social Prog. Coffee & Lunch Breaks		
	Aleksei Malyshev St. Petersburg State Univ., RU	30	Simon Thomas Lab. Kastler-Brossel, Prais, FR	25			Casimir & Cosmology	Hongwei Yu Hunan Normal Univ., Hunan, CN			20
	Stefano Laporta Univ. Padova, IT	30	Arthur Matveev MPQ, Garching, DE	40			Yevgeny Stadnik Univ. Mainz, DE	20			
≈ 17:30	Poster set-up	5	Alexey Grinin MPQ, Garching, DE	5	Manas Mukherjee NUS, Singapore, SG	15	Gordon Drake Poster Awards				10
Welcome Reception 17h - 19h	Mo5 Poster Session #1 17:40 to ~19:00	80	Tu5 Poster Session #2 17:40 to ~19:00	80							



IUPAP sponsorship

- Supported by IUPAP C2
 - Commission on Symbols, Units, Nomenclature, Atomic Masses and Fundamental Constants
 - Chair: Peter Mohr
- IUPAP policies
 - Proceedings (*deadline!*)
 - Free circulation of scientists
 - Harassment at conferences
 - 2 advisors to consult (see web page)



INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS

"To assist in the worldwide development of physics, to foster international cooperation in physics, and to help in the application of physics toward solving problems of concern to humanity"

60 MEMBER TERRITORIES

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- C1: Commission on Policy and Finance
- C2: Commission on Symbols, Units, Nomenclature, Atomic Masses and Fundamental Constants
- C3: Statistical Physics
- C4: Astroparticle Physics
- C5: Low Temperature Physics
- C6: Biological Physics
- C8: Semiconductors
- C9: Magnetism
- C10: Structure and Dynamics of Condensed Matter
- C11: Particles and Fields
- C12: Nuclear Physics
- C13: Physics for Development
- C14: Physics Education
- C15: Atomic, Molecular, and Optical Physics
- C16: Plasma Physics
- C17: Laser Physics and Photonics
- C18: Mathematical Physics
- C19: Astrophysics
- C20: Computational Physics

AFFILIATED COMMISSIONS

- AC1: International Commission for Optics
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- AC3: International Commission for Acoustics
- AC4: International Commission on Medical Physics

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- WG1: International Committee for Future Accelerators (ICFA)
- WG2: Communication in Physics
- WG3: Women in Physics
- WG7: International Committee on Ultrahigh Intensity Lasers (ICUIL)
- WG9: International Cooperation in Nuclear Physics (ICNP)
- WG10: Astroparticle Physics International Committee (APPIC)
- WG11: Gravitational Wave International Committee (GWIC)
- WG12: Energy

Aims:

- to stimulate and promote international cooperation in physics;
- to sponsor suitable international meetings and to assist organizing committees;
- to promote international agreements on other use of symbols, units, nomenclature and standards;
- to foster free circulation of scientists; to encourage research and education.

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Each year, IUPAP sponsors from 20 to 30 international conferences and awards grants to some of them. The financial support given to these International Conferences is derived from funds collected as membership dues from the members of IUPAP.

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As one of the basic sciences, physics relates to all branches of natural science. Many of the most exciting developments take place in the border areas between different disciplines. To cover interdisciplinary activities IUPAP maintains close liaison with several other Unions, ICSU Global Programs and ISCU Interdisciplinary Bodies. These collaborations take many forms, other organisations may have associate members on IUPAP Commissions, IUPAP may have representatives in their governing structures, or IUPAP may appoint people as official liaisons with them.



AWARDS & HONORS



Young Scientist Awards
Commission Awards

Publications

IUPAP General Report: published after each General Assembly.
Newsletter: published three times a year, contains Union news.
SUNAMCO Document: IUPAP's authoritative guide to correct usage of symbols, units, and nomenclature. Translated into several languages.

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Accelerators Validating Antimatter physics (AVA)
www.ava-project.eu



CODATA Task group on fundamental constants
www.codata.org



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Hositrad Vacuum Technology
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CAEN
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Gordon Drake Student Poster Award

- 2 poster session Mo, Tu
 - craft beer & some food
- 2 prizes for students
 - 150 € each
 - winners to be announced on Thursday after last session



Information

- Conference brochure
 - daily information: food
 - excursion on Wednesday afternoon
 - coffee break: outside, do not use espresso machines during session (noise!)
- Conference desk
 - all days, morning & afternoon till last break
- LOC / SMI staff & students
 - badge „SMI Vienna“ printed in red

