

CSSP18 List of participants - as of June 28, 2018

FirstName	LastName	Check-in	Check-out	Talk date	Talk title	Type of talk	Coming?
Stefan	Ataman	04.07	06.07	07/06/18	1. Vacuum birefringence: from theory to experiments; 2. Bounds on phase sensitivity measurements of a Mach-Zehnder interferometer	L	Yes
Marilena	Avrighianu	01.07	15.07	07/13/18	Consistent assessment of deuteron interactions at low and medium energies	L	Yes
Vlad	Avrighianu	01.07	15.07	07/13/18	Actual questions on the alpha-particle optical potential at low energies	L	Yes
Alina	Badescu	07.07	07.07	07/07/18	Radio detection of cosmic particles	L	Yes
Dimiter	Balabanski	05.07	07.07	N/A	N/A	P	Yes
Virgil	Baran	04.07	04.07	07/04/18	Core excitations in PiGMY dipole resonances	L	Yes
Andrei	Berceanu	04.07	06.07	07/06/18	Plasma Physics through Computer Simulations: the particle-in-cell method	L	Yes
Carlos	Bertulani	06.07	13.07	07/10/18	Primordial abundances of ${}^7\text{Li}$ and ${}^6\text{Li}$	L	Yes
Aldo	Bonasera	07.07	09.07	07/09/18	Nuclear (Astro) Physics Using Lasers	L	Yes
Catalin	Borcea	N/A	N/A	07/10/18	Total reaction cross sections at the IFIN-HH Tandem	SL	Yes
Ion	Burducea	03.07	03.07	07/04/18	Applications at the 3 MV Tandetron from IFIN-HH	L	Yes

Antonio	Caciolli	08.07	14.07	07/12/18	Nuclear Astrophysics in underground laboratories: the LUNA experiment	L	Yes
Mihail	Cernaianu	04.07	05.07	07/05/18	Plasma mirrors for high power laser experiments	SL	Yes
Sophia	Chen	09.07	14.07		Ion-plasma interactions in the laboratory in order to investigate astrophysical relevant phenomena	C	Yes
Alexandra-Ionela	Chilug	01.07	14.07		Study of the 9C breakup through NP1412-SAMURAI29R1 experiment	C	Yes
Deepika	Choudhury	04.07	07.07	07/05/18	Recent results from prompt fission gamma-ray Measurements	SL	Yes
Alain	Coc	08.07	14.07	07/11/18	Primordial nucleosynthesis	L	Yes
Mihai	Constantin	01.07	07.07	07/04/18	Nuclear structure studies with the ROSPHERE array	L	Yes
Doru	Delion	01.07	07.07	07/04/18	Alpha clustering in strong electromagnetic fields	L	Yes
Roland	Diehl	08.07	10.07	07/09/18	Gamma-ray lines from cosmic nuclei	L	Yes
Paraskevi	Dimitriou	05.07	07.07		Developing reliable photonuclear data	C	Yes
Carolyn	Doherty	08.07	14.07	07/12/18	Contribution of low and intermediate star yields to the chemical evolution of the Galaxy	L	Yes
Domenico	Doria	04.07	06.07	07/06/18	Laser acceleration of ions	L	Yes
Alexandru	Dumitrescu	01.07	07.07	07/04/18	Theoretical investigation of alpha-like quasimolecules in heavy nuclei	C	Yes
Alice Diana	Dumitru	01.07	14.07	N/A	N/A	P	Yes

Mounib	El Eid	07.07	14.07	07/11/18	Magnetic Effects in Stellar Plasma	L	Yes
Brian	Fields	06.07	12.07	07/09/18	1. A Nuclear Astrophysics Guide to Cosmology. 2. When Stars Attack! Geological and Lunar ^{60}Fe Reveals Near Earth Supernovae	L	Yes
Julien	Fuchs	09.07	14.07	07/05/18	Opportunities for nucleosynthesis studies offered by high-power lasers	L	Yes
Moshe	Gai	01.07	02.07	07/02/18	1. Nuclear Astrophysics: An Over View; 2. Applications: Nuclear Astrophysics in Stellar Evolution and Big Bang Nucleosynthesis	L	Yes
Danilo	Gambacurta	05.07	06.07	07/05/18	Microscopic description of the GDR & PDR	SL	Yes
Petru	Ghenuche	05.07	05.07	07/05/18	Laser plasma electron acceleration	SL	Yes
Dan	Ghita	04.07	07.07	07/05/18	The ELI-NP facility and status of implementation	L	Yes
Amira	Guediche	01.07	14.07		Laboratory investigation of collision-less ion-plasma energy exchange	C	Yes
Victor	Iacob	01.07	13.07		Precise half-life measurement of the superallowed beta emitter S-30	SL	Yes
Heshani	Jayatissa	01.07	14.07		Constraining the $^{22}\text{Ne}(\alpha, n)$ reaction rate via the $^{22}\text{Ne}(^6\text{Li}, d)^{26}\text{Mg}$ alpha-transfer reaction at sub-Coulomb energies.	C	Yes
Jordi	Jose	06.07	11.07	07/09/18	Nucleosynthesis in Stellar Explosions: Novae, X-Ray Bursts and Type Ia Supernovae	L	Yes

Timothy	Jull	30.06	07.07	07/03/18	Basics of Radiocarbon Dating using Accelerators	L	Yes
Takahiro	Kawabata	09.07	14.07	07/10/18	Nuclear experimental approach towards the nucleosynthesis in the universe	L	Yes
Gabor	Kiss	02.07	03.07	07/03/18	Alpha nucleus optical potentials for modelling explosive nucleosynthesis Scenarios	L	Yes
Karl-Ludwig	Kratz	06.07	14.07	07/09/18	Production of light trans-Fe elements in ccSNe	L	Yes
Mateusz	Krzysiek	06.07	06.07	07/06/18	Photoneutron measurements in the GDR region	SL	Yes
Sema	Kucuksucu	01.07	14.07		Simulations for NEDA	C	Yes
Walter	Kutschera	01.07	08.07	07/03/18	1. Why did Alpine glaciers move backward and forward throughout the last 10,000 years , without human impact. 2. Zje life and science of Marie Curie and Lise Meitner - two icons of radioactivity	L	Yes
Karlheintz	Langanke	06.07	09.07	07/09/18	The great potential of radioactive ion beam facilities for nuclear astrophysics (Monday, science) / The chances for young researchers at FAIR (Saturday, outreach)	L	Yes
Claudia	Lederer-Woods	01.07	05.07	07/02/18	Neutron Induced Reactions for Astrophysics	L	Yes
Jose Maria	López-Gutiérrez	02.07	05.07	07/03/18	Accelerator Mass Spectrometry of heavy radionuclides at low energies	L	Yes
Tahani	Makki	07.07	14.07		The Cosmological Lithium Problem : New Analysis of the Standard Big Bang Nucleosynthesis (SBBN)	C	Yes

Romul	Margineanu	05.07	11.07	07/07/18	Radon measurements in underground	L	Yes
Bradley	Meyer	06.07	14.07	07/09/18	Deciding When an Astrophysical Nuclear Reaction Rate is Important to Measure	L	Yes
Bogdan	Mitrica	05.07	11.07		Muography - present and future	C	Yes
Irina	Mocioiu	11.07	14.07	07/11/18	Learning about Particle Physics and Astrophysics with Neutrinos	L	Yes
Mihály	Molnár	11.07	13.07		EnvironMICADAS: dedicated compact AMS for Environmental Physics	L	Yes
Kanji	Mori	01.07	14.07		Quantum Mechanical Constraints on Resonances in Carbon Fusion Reaction and Its Impact on Type Ia Supernovae	C	Yes
Tohru	Motobayashi	06.07	11.07	07/10/18	Spectroscopic inputs to explosive nuclear burning (tentative)	L	Yes
Magdalena	Nistor	02.07	04.07	07/03/18	Rutherford Backscattering Spectrometry “ a well-suited analysis method for oxide thin films	L	Yes
Vasile	Opris	03.07	03.07	07/03/18	Archaeometric methods applied on Boian culture pottery at IFIN-HH	L	Yes
Doru	Pacesila	01.07	04.07	N/A	N/A	P	Yes
Nora	Palincas	03.07	03.07	07/03/18	Archaeometry and individual biographies: Evidence from radiocarbon dating and stable isotope analyses for diet reconstruction from the 14th – 17th century cemetery at Băfrăuți (Southern Romania)	C	Yes

George	Pascovici	02.07	05.07	07/04/18	Development of FEE for Scintillator-SiPM assemblies and state of the art of modern commercial digitizers for nuclear physics experiments.	L	Yes
Alexandrina	Petrovici	08.07	11.07	07/10/18	Exotic phenomena in medium mass $N \approx Z$ nuclei: a comprehensive Understanding	L	Yes
Mihai	Petrovici	08.07	11.07	07/10/18	Geometrical scaling from RHIC to LHC energies	L	Yes
Teodora Andreea	Petruse	01.07	14.07		Preliminary results on the $^{19}\text{F}(p,\alpha)^{16}\text{O}$ reaction studied via the Trojan Horse Method	C	Yes
Emanuel	Pollacco	01.07	07.07	07/04/18	Towards building instruments for Nucl. Phys. Today	L	Yes
Maria Daniela	Putici	01.07	08.07	N/A	N/A	P	Yes
Mihai	Radu	01.07	02.07	07/02/18	Small accelerators - applications in life sciences	L	Yes
Adriana	Raduta	09.07	13.07	07/09/18	Cooling of hyperneutron stars	L	Yes
Madalina	Ravar	01.07	14.07		ChETEC COST Action Training School @ IFIN-HH	C	Yes
Florin	Rotaru	04.07	06.07	07/06/18	Nuclear Diagnostics for High Power Laser Experiments at ELI-NP	SL	Yes
Alexandra	Saftoiu	N/A	N/A	07/11/18	Overview of the Pierre Auger Observatory	L	Yes
Timo	Sajavaara	01.07	06.07	07/02/18	2 lectures in sequence	L	Yes

Corina	Simion	03.07	03.07	07/03/18	Radiocarbon dating of mortar based on hydraulic lime. Advantages, disadvantages, limitations. The medieval fortress Marienburg in Feldioara And the princely court in Targoviste - case studies	C	Yes
Alex	Spiridon	01.07	14.07		Elastic studies with the upgraded Oxford-MDM detector	C	Yes
Claudio	Spitaleri	08.07	11.07	07/11/18		L	Yes
Klaus	Spohr	04.07	07.07	07/05/18	Nuclear Physics with high power lasers	L	Yes
Catalin	Stan-Sion	02.07	04.07	07/03/18	Unorthodox AMS Experiments	L	Yes
Iuliana-Madalina	Stanciu	01.07	08.07		Rare Earth Element patterns used as indicators for environmental redox Conditions	C	Yes
Ionut	Stefanescu	01.07	14.07		Astrobox2	C	Yes
Daniel	Stoicescu	01.07	14.07		Proton inelastic scattering in ^{57}Fe	C	Yes
Mihai	Straticiuc	01.07	08.07	N/A	N/A	P	Yes
Dan	Stutman	06.07	07.07	07/06/18	Nuclear Physics with helical phase beams	SL	Yes
Gabriel	Tabacaru	01.07	05.07	?	Cyclotron Institute Texas A&M University - an overview of the facility	SL	Yes
Ovidiu	Tesileanu	01.07	14.07	N/A	N/A	P	Yes
Dana	Tudor	01.07	14.07		Experimental study of alpha on ^{64}Zn	C	Yes
Laurentiu-Florin	Tutuianu	01.07	07.07	N/A	N/A	P	Yes

Calin	Ur	04.07	08.07	07/05/18	Nuclear Photonics with Gamma Beams	L	Yes
Meng	Wang	08.07	14.07	07/12/18	Nuclear mass measurements	L	Yes
Ethan	Welch	29.06	15.07	N/A	N/A	P	Yes
Philip John	Woods	01.07	05.07	07/02/18	Nuclear Astrophysical reactions studied with radioactive beams	L	Yes
Alan	Wuosmaa	06.07	14.07	07/10/18	New techniques for transfer reactions with exotic beams	L	Yes
Marian	Zamfirescu	06.07	06.07	07/06/18	CETAL laser facility experimental capabilities	SL	Yes

Legend: L= lecture 55 min

SL = 25-30 min

C = communication

P = no talk (also noted N/A)