

2018 European Nuclear Physics Conference

Monday, 3 September 2018

Plenary (10:00 - 11:00)

-Conveners: Rosario Nania; Renato Angelo Ricci

| time | [id] title | presenter |
|-------|---|------------------------|
| 10:00 | [324] Heavy ion experiments: latest results | VERCELLIN, Ermanno |
| 10:30 | [349] Probing dense matter at low energies with dileptons: prospects and challenges | Prof. TSERRUYA, Itzhak |

Plenary (11:30 - 12:30)

-Conveners: Alexander SORIN; Luisa Cifarelli

| time | [id] title | presenter |
|-------|--|-------------------------|
| 11:30 | [352] Exploring baryon rich QCD matter with electromagnetic probes | Prof. GALATYUK, Tetyana |
| 12:00 | [353] Parton dynamics and colour condensates | PETRESKA, Elena |

Tuesday, 4 September 2018

Plenary (08:30 - 10:30)

-Conveners: Marek Lewitowicz; Luca Venturelli

| time | [id] title | presenter |
|-------|---|--------------------------|
| 08:30 | [371] Beta-detected NMR: from nuclear structure to chemistry and biology | KOWALSKA, Magdalena |
| 09:00 | [329] Nuclear Physics with an Effective Field Theory Around the Unitarity Limit | Dr VAN KOLCK, Ubirajara |
| 09:30 | [330] Light Hypernuclei : a Testbed for Charge Symmetry Breaking | Prof. ACHENBACH, Patrick |
| 10:00 | [331] The Light Baryon Spectrum and QCD | Prof. IRELAND, David |

Plenary (11:00 - 12:30)

-Conveners: Claes Ledefoged; Cristian Massimi

| time | [id] title | presenter |
|-------|---|---------------------------|
| 11:00 | [332] Uncovering carbon burning in stars | Dr TUMINO, Aurora |
| 11:30 | [333] Nuclear Astrophysics at LUNA: Status and Perspectives | Prof. ALIOTTA, Marialuisa |
| 12:00 | [334] Nuclear physics with accelerator-produced neutron beams | GUNSING, Frank |

Wednesday, 5 September 2018

Plenary (09:00 - 10:30)

-Conveners: Johan Messchendorp; Fabiana Gramegna

| time | [id] title | presenter |
|-------|---|----------------------|
| 09:00 | [335] Nuclear structure studies by measurements of nuclear spins, moments and charge radii via collinear laser spectroscopy at ISOLDE | Prof. NEYENS, Gerda |
| 09:30 | [336] Isospin-symmetry breaking in nuclear structure | Dr SMIRNOVA, Nadezda |
| 10:00 | [337] Nuclear Structure studies with gamma-rays with AGATA@GANIL | Dr CLEMENT, Emmanuel |

Plenary (11:00 - 12:00)

-Conveners: Krzysztof Rusek; Silvia Leoni

| time | [id] title | presenter |
|-------|--|--------------------------|
| 11:00 | [338] Perspectives on Nuclear Structure Studies with Electromagnetic Probes | Prof. PIETRALLA, Norbert |
| 11:30 | [350] Stiff symmetry energy from isovector aura in charge-exchange reactions | Prof. DANIELEWICZ, Pawel |

Thursday, 6 September 2018

Plenary (09:00 - 10:30)

-Conveners: Tord Johansson; Boris Sharkov

| time | [id] title | presenter |
|-------|--|------------------------|
| 09:00 | [340] Progress in nuclear Density Functional Theory calculations: isospin and spin-isospin excitations and the link with the nuclear Equation of State | COLO', Gianluca |
| 09:30 | [341] Super-heavy elements, nuclear structure and related accelerators | Prof. OGANESSION, Yuri |
| 10:00 | [342] Shape isomerism as a probe of microscopic origin of nuclear deformation | Prof. FORMAL, Bogdan |

Plenary (11:00 - 12:30)

-Conveners: Adriana Nannini; Eberhard Widmann

| time | [id] title | presenter |
|-------|---|----------------------|
| 11:00 | [354] Nuclear structure far-off stability: Recent advances, surprises and future challenges in the region around doubly-magic ^{132}Sn . | Dr JUNGCLAUS, Andrea |
| 11:30 | [355] Fundamental Physics with neutrons and muons | Prof. KIRCH, Klaus |
| 12:00 | [356] Sterile neutrino searches at short distance from nuclear reactors | Dr LHUILLIER, David |

Friday, 7 September 2018

Plenary (09:00 - 10:00)

-Conveners: Sotirios Harissopulos; Nicola Bianchi

time [id] title

presenter

| | | |
|-------|---|---------------------|
| 09:00 | [348] Nuclear physics for cultural heritage | Prof. MACKOVA, Anna |
| 09:30 | [346] Nuclear masses for nuclear structure and astrophysics | Dr KANKAINEN, Anu |