

## Preface

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The fourth edition of the European Nuclear Physics Conference was held on September 2-7 2018 at “Centro San Domenico”, within the ancient halls of the convent dating back to the XV century, in Bologna (Italy).

More than 230 nuclear physicists, from 27 different countries, joined the EuNPC conference, attracted by a broad and comprehensive scientific program. The conference scheduled plenary sessions, parallel sessions including invited talks and contributions and poster session. The plenary sessions were held in the morning: 25 speakers covered a wide range of topics from heavy ion physics to hadron and nuclear structure, from nuclear physics applications to nuclear astrophysics. A special session dedicated to the “Future facilities in construction” was organized by A. Bracco and F. Azaiez: The Fair Director (P. Giubellino), the DUBNA Deputy-Director (M. Itkis) and the EURISOL Steering Committee chair (M. Lewitowicz) spoke on the future plans of their research facilities and, at the end of the session, joined a round table. The Lise Meitner prize was awarded by the EPS-Nuclear Physics Board chair, N. Bianchi: the winners of the 2018 prize edition were P. Ring (Munich Technical University) and P. Schuck (Institut de Physique Nucleaire, Orsay).

The parallel sessions were scheduled in the afternoons. Seventeen conveners, selected more than 140 abstracts, to prepare a rich program, split in nine parallel sessions:

- Accelerators and Instrumentation
- Nuclear Structure and Dynamics
- Nuclear Astrophysics
- Astroparticle Physics
- Heavy Ion Collisions and QCD phases
- Fundamental Symmetries
- Nuclear Physics Application
- Few Body Systems
- Hadron Structure, Spectroscopy and Dynamics.

The poster session scheduled 19 contributions. M. Lewitowicz (NuPECC chair) and A. Bracco (NuPECC former chair) awarded the NuPECC prize to the best three posters,

presented by N. Marchini (Università di Firenze and INFN-Firenze), A. Manna (Università di Bologna and INFN-Bologna) and M. Franchini (Università di Bologna and INFN-Bologna).

On Friday, 7th September, the last day of the conference, A. Zichichi, EPS president from 1978 to 1980, gave a talk on “EPS: roots and future”. Shortly after, N. Bianchi awarded the EPS Phd best thesis prize to Dr. R.F.G. Ruiz (KU, Lueven, Belgium), C.G. Bruno (University of Edinburgh, UK) and J.L.R.Sanchez (University of Santiago del Compostela, Spain). F. Azaiez (former Nuclear Physics Board chair) announced that the IBA prize 2018 was awarded to Habib Zaidi, for his contributions on the quantitative multimodality molecular imaging (PET/CT and PET/MRI).

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