

Preface

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The 2012 edition of the “Incontri di Fisica delle Alte Energie” (IFAE2012) was held at the Aula Magna del Rettorato of the Ferrara University from April 11th to 13th.

The Conference was attended by more than 150 participants, with about 75 presentations and 35 posters covering the most recent advances in High Energy Physics, Astroparticle and Neutrino Physics, Heavy Ions and Detection Techniques.

Only plenary sessions were held, giving young researchers the opportunity to present their work to a large audience, either with talks or posters, which were on permanent display during the entire conference.

The scientific program was organized in 7 sessions:

- Standard Model and beyond;
- QCD;
- Heavy Flavour;
- Heavy Ions;
- Astroparticles;
- Neutrino Physics;
- New Technologies.

Introductory, state-of-the art talks, opened the Conference and each session. More detailed talks followed, stimulating lively discussions and interactions between the speakers and the participants.

Three talks and two posters by young researchers (Matteo Biassoni, Roberta Cardinale, Stefano Perazzini, Federica Primavera and Laura Zotti) were selected for their high quality and awarded a prize money.

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