PANIC 2014 - Particles and Nuclei International Conference 2014

Sunday, 24 August 2014 - Friday, 29 August 2014

Hamburg University

Scientific Programme

PANIC 14 will consist of plenary talks, a number of parallel sessions and poster presentations.

The schedule foresees plenary sessions in the morning, followed by parallel sessions on the various physics topics in the afternoon. A poster session is scheduled on Tuesday, August 26th.

The topics for the plenary and parallel tracks are:

Plenary talks

1) Quarks and gluons in hot and dense matter

2) Quarks and gluons in hadrons, the hadron spectrum

3) Neutrinos and related astrophysical implications

4) Dark matter and cosmology

5) Nuclear and particle astrophysics

6) Standard model physics at the TeV scale

7) Energy frontier physics beyond the standard model

8) Flavour physics - CKM and beyond

9) Tests of symmetries and conservation laws

10) Hadrons in medium - hyperons and mesons in nuclear matter

11) String theory: ADS/QCD or more generally, ADS/QFT

12) New concepts and techniques for accelerators and particle detectors

13) Applications of nuclear particle physics technology