



The Henryk Niewodniczanski
Institute of Nuclear Physics
Polish Academy of Sciences

Superconductivity: Superconductors Properties and their Application in Science

SPAS 2014 objective

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Division of Scientific Equipment and Infrastructure Construction (DAI)

SPAS 2014, Kraków

- overview of the research program in the field of superconductivity and its applications in science in Poland
- review of the participation of Polish institutions in current international projects → focus on applied superconductivity
- fundamental research in the field of superconductivity in Poland and their interdisciplinarity (physics, materials science)
- infrastructures for research and developing of superconducting technology

Tuesday, 09.12.2014

- **Session I**
Report from previous conference "Mid-term meeting of the TIARA-PL group"
- **Session II**
Superconductivity and its Application in Science
- **Session III**
Superconductivity and its Application in Poland

Wednesday, 10.12.2014

- **Session IV**
Infrastructures for research in superconductivity
- **Session V**
Cryogenic infrastructure at IFJ PAN - expert panel

- Identification of current and potential areas of research in applied superconductivity, developed or possible to develop in Poland
- Attracting Polish scientists working in the international laboratories to collaborate with researchers and research institutions in Poland
- Define the infrastructure needed to support research in applied superconductivity
- How to organize a collaboration to conduct research in applied superconductivity in Poland?