



**Wydział
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W czwartek 28 lutego 2019 r. o godz. 12.15

W SALI 111 GMACHU FIZYKI PW

przy ul. Koszykowej 75 w Warszawie

ODBĘDZIE SIĘ:

S E M I N A R I U M N A U K O W E

W Y D Z I A Ł U F I Z Y K I

NA KTÓRYM:

Prof. dr Paolo Giubellino

Dyrektor FAIR/GSI, Darmstadt, Niemcy

WYĞŁOSI REFERAT PT:

Status of the FAIR Project

STRESZCZENIE:

FAIR is one of the European flagship facilities for basic science in the coming decades and will become fully operational around 2025. FAIR will open up unprecedented research opportunities in hadron and nuclear physics, in atomic physics and nuclear astrophysics as well as in applied sciences like materials research, plasma physics and radiation biophysics with applications towards novel medical treatments and space science. FAIR will advance our knowledge in various research fields ranging from a deeper understanding of the fundamental interactions and symmetries in nature to a better understanding of the evolution of the Universe and the objects within. FAIR is currently under construction as an international facility at the campus of the GSI Helmholtzzentrum for Heavy-Ion Research in Darmstadt, Germany.

While the full science potential of FAIR can only be harvested once the new suite of accelerators and storage rings is completed and operational, some of the experimental detectors and instrumentation are already available and will be used starting in summer 2018 in a dedicated research program at GSI, exploiting also the significantly upgraded GSI accelerator chain. The progress of the FAIR realization and the status as well as prospects of science at FAIR will be presented.

Serdecznie zapraszam,
dr hab. inż. Wojciech Wróbel