GRIEG call for Polish-Norwegian research projects

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GRIEG call

- One of the three calls funded from the Norway and EEA Grants 2014–2021 under the Basic Research Programme
- The objective of the programme:
  - Enhance research-based knowledge development
  - Strengthen the Polish-Norwegian research cooperation
  - Support the development of young researchers
  - Build a positive perception of scientific research among the public at large
- GRIEG is for research projects to be carried out jointly by Polish and Norwegian research teams
  - consisting
    - at least one Polish partner (leader)
    - at least one Norwegian partner

GRIEG call

- Who can participate:
  - research institutions
  - Enterprises
  - NGOs
- Thematic scope
  - covers all areas of fundamental science
- Funding
  - funded from the Norway grants under the Norwegian Financial Mechanism 2014-2021
  - over EUR 37M
  - Project between 0.5M to 1.5M EUR
- Project duration
  - 24 or 36 months

GRIEG call

- Over 305 proposals were submitted under the call
- Recommended 28 of them for funding (success rate ~9%)
  - 12 in Physical Sciences and Engineering
  - 8 in Life Sciences
  - 8 in Arts, Humanities and Social Sciences

GRIEG call

- Charm in heavy ion collision
  - Duration [in months] 36
  - Total costs [EURO]: 1 458 410
- Number of team members: 41
- Participating entities
  - 3 Norwegian
  - 9 Polish

University of Oslo
University of Bergen
Western Norway University of Applied Sciences

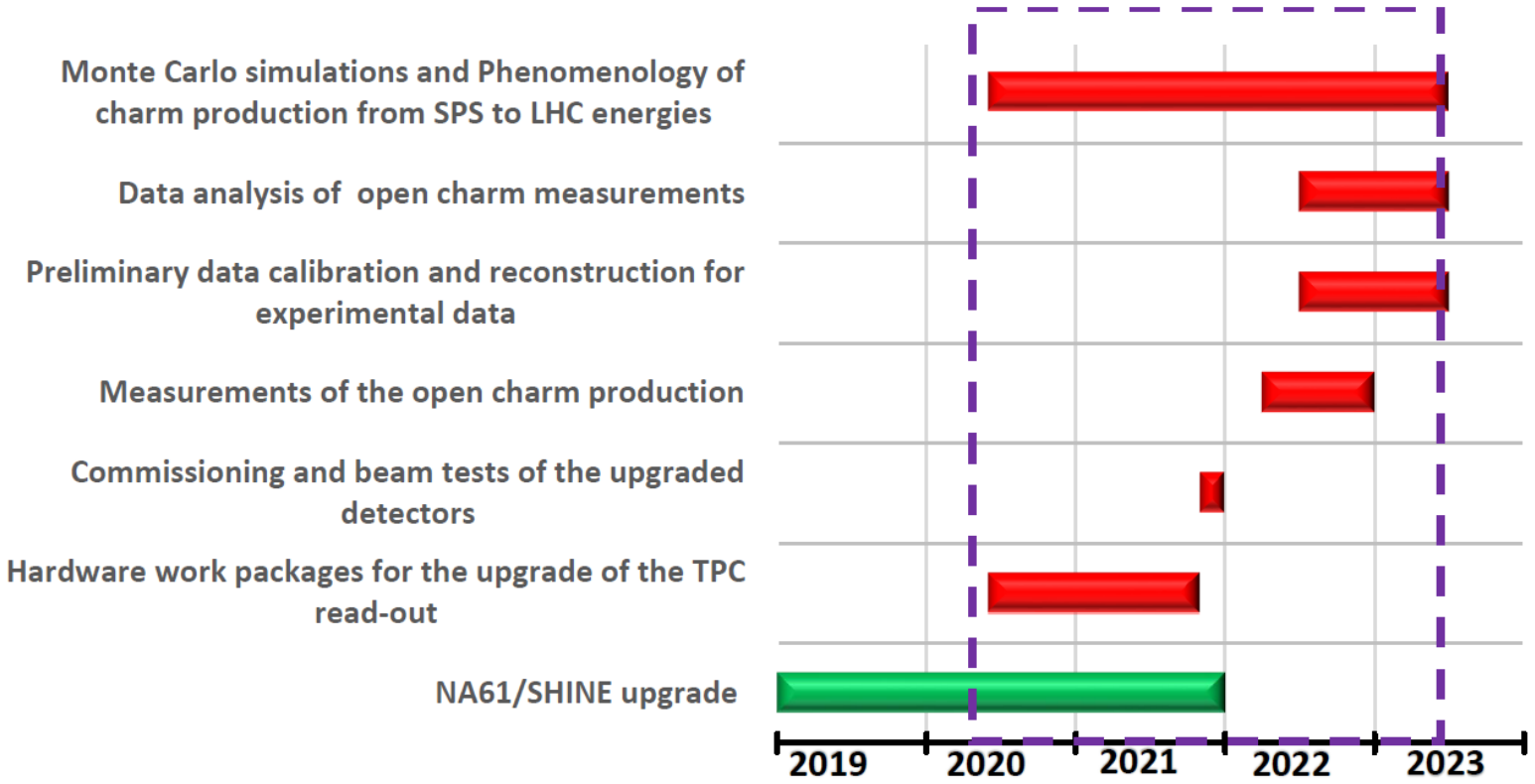
University of Silesia in Katowice
Warsaw University of Technology
Jagiellonian University in Cracow
Jan Kochanowski University in Kielce
University of Wrocław
University of Warsaw
National Centre for Nuclear Research
The Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences
AGH University of Science and Technology

Charm in heavy ion collision

- Objective of the project
  - measure charm hadron production (mainly D mesons) in central Pb+Pb collisions
  - understand the charm production phenomenology
  - upgrade NA61/SHINE detector
    - upgrade of the read-out electronics of the Time Projection Chambers
    - part of the NA61/SHINE detector upgrade during the CERN accelerator Long Shutdown 2 period (2020 and 2021)
- Questions
  - What is the mechanism of open charm production?
  - How does the onset of deconfinement impact open charm production?
  - How does the formation of a quark-gluon plasma impact J/*y* production?

Charm in heavy ion collision

- Timeline



Thank you

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