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**FAIR - Facility for Antiproton and
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**GSI Helmholtzzentrum für
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Scientific Managing Director

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E146: "Indirect measurements of neutron-induced reaction cross sections at storage rings"

13.10.2020

Beatriz Jurado et al.

Dear Colleague,

The management of GSI/FAIR would like to thank you for submitting a proposal to our latest 'Call for Proposals for Beam Time in 2021/2022'. On August 26-28, 2020, the General Program Advisory Committee (G-PAC) during its 44th meeting has evaluated a total of 95 proposals requesting 3215 shifts of beam time. The considerations of the G-PAC were based on their assessment of the scientific importance of the proposed research, its feasibility and its reliance on unique aspects of the GSI/FAIR facility. Proposals were ranked into the four categories:

- A** Experiment proposal recommended for granting of beam time ('to be done')
- A-** Proposed experiment is of great scientific interest but due to the large overdraft of beam time can be recommended to run only if beam time becomes available (reserve list)
- B** deferred, but encouraged to submit an improved version in a future call
- C** no granting of beam time is recommended

In case beam time is granted¹, it is done so exclusively for this proposed experiment, i.e. granted shifts cannot be used to run an experiment with a different scientific scope except it has passed G-PAC again. Also, beam time not taken during the indicated period of the present call will expire.

Geschäftsführung:
Professor Dr. Paolo Giubellino
Dr. Ulrich Breuer
Jörg Blaurock

FAIR:
Sitz: Darmstadt
Amtsgericht Darmstadt HRB 89372

USt-IdNr.: DE 275 595 927

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Vorsitzender des Aufsichtsrates:
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BIC HELADEF3

¹ Beam time is granted at no charge within the framework of the Helmholtz Association "Rahmenrichtlinie über die Nutzung von Forschungsanlagen der Helmholtz-Zentren durch Dritte" (1.3.2000), §II. 1.2.



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It is my pleasure to inform you that your proposal 'Indirect measurements of neutron-induced reaction cross sections at storage rings' has been granted 16 shifts.

Sincerely yours,

A handwritten signature in blue ink, which appears to read 'Paolo Giubellino', is written over the typed name.

Prof. Dr. Paolo Giubellino
Scientific Managing Director

Further Steps

- For scheduling your experiment, please contact your Local Contact Person.
- The department “Safety and Radiation Protection” is to be informed on the planned set-up of the experiment and their consent is required before running an experiment. Your local contact person might help you with this.
- When modifying work spaces (e.g. experiment setup, caves), or when using work equipment brought to the campus from outside (machinery, electronics, detectors, targets, etc.), an evaluation of hazards has to be done beforehand. This evaluation is to be discussed with or to be shown to the safety responsible of the experimental area (Sicherheitstechnisch Verantwortlicher, STV)(§5 ArbSchG, §3 (1) BetrSichV).

Especially for work equipment brought to the campus, this evaluation of hazards has to be based on the respective instruction manual or risk analysis (§3 (4) BetrSichV). If this does not exist, e.g. because the equipment is self-made, it has to be prepared, too and handed to the STV.

- If you need any host lab resources, please contact the respective department as soon as possible. Short-term demands might not be able to be answered (e.g. the target laboratory needs to know minimum eight weeks before your scheduled beam time). Your local contact person might assist you with this.
- When presenting results of beam time done in FAIR Phase-0 (journals, book chapters, oral presentations, posters, etc.), we ask you to indicate this as:

‘The results presented here are based on the experiment YXXX, which was performed at the beam line/infrastructure XY at the GSI Helmholtzzentrum fuer Schwerionenforschung, Darmstadt (Germany) in the frame of FAIR Phase-0.’

or

“The research presented here is a result of a R&D project experiment YXXX at the beam line/infrastructure XY in the frame of FAIR Phase-0 supported by the GSI Helmholtzzentrum fuer Schwerionenforschung in Darmstadt (Germany).”

Where appropriate GSI personnel should be included as co-author.

- Please also add the logo of FAIR Phase-0 into slides on results obtained from beamtime here. The logo can be downloaded here:
https://www.gsi.de/en/press/mediathek/logo_download.htm#c49936 (link to Phase-0 logo appears top of the page) or scroll down to see the FAIR Phase-0 logo here: <https://www.gsi.de/presse/mediathek/logos.htm> .
- And please inform the GSI library (contact: Mrs. Katrin Grosse, K.Grosse@gsi.de) on any publication resulting from experiments at GSI stating:
 - the DOI of your publication(s),
 - respective experiment ID (e.g. S123, U234, E345 or P567) and
 - year of the respective beam time.