Introduction

PAC Meeting 2020

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PAC Meeting

March 12-13, 2020
Some technicalities ...

Decision to hold this PAC meeting as a video conference:

„ Better safe than sorry ... “ (M. Ripani)

Thank you very much to members of Advisory Committee!

- Test your setup well in advance
- Speakers please speak slowly
- Speakers use mouse (instead of laser pointer) – expect delays in transmission
- Mute your microphone when listening
- Local Mainz participants: we should avoid a crowded Seminar room ...
- **September 19:** **Onsite review by international review panel**
  - Overall very successful review with following ratings for subprojects:
    excellent (3), very good to excellent (1), very good (3), good to very good (1)
  - Recommendation by panel to apply no cuts to proposed personnel
  - Absence of junior PIs was remarked, not considered as K.O. criterion

- **November 19:** **Final decision in DFG senate: no continuation of CRC1044**
  - Issue of missing junior PIs mainly lead to negative decision
    (some additional negative aspects mentioned, e.g. publication record in experiment in few subprojects)
  - Hiring of 2 postdocs on faculty positions (2nd funding period) not interpreted in favour of us ...

- **Extension of funding for 1 additional year (up to end of 2021)**
DFG decision has **no direct impact** on **running of MAMI** and **construction of MESA**

- operation of MAMI financed by local state of RLP and JGU
- funding for MESA mainly by PRISMA / PRISMA+ Cluster of Excellence
- MESA experiments included as major research infrastructure of CFP research building
  (proposals submitted in June 2019 for MAGIX and P2 experiments)

**CRC funding** almost entirely used for funding of **personnel**

- PhD students and postdocs

**New major funding source needed via coordinated programme**

(this discussion would have been necessary even in positive outcome for CRC1044)

Visit by Marc Vdh, A.D., Niklaus Bourdos (research department JGU) to DFG headquarter

- Expectation by DFG to receive new major funding application from us
- Diversity in our funding portfolio
The Future

- Initiated a series of **brainstorming sessions** for topics to be included in future proposal
- Preliminary discussions with **potential partners in Germany**
- **Workshop foreseen in week Sept. 7 – 11, 2020**

![Diagram showing timeline for MESA Accelerator, P2 Experiment, and MAGIX Specrometer]

- **Preparing the next steps in close contact with University management, PRISMA⁺, HIM, ...**
  - bridge the period btw. end of CRC1044 funding and beginning of new funding period

**Start of new funding in 2022**
Construction MESA Experimental Hall

This morning
Beam Time Proposals

Thursday March 12, 2020

14:45 – 15:00  Introduction to the meeting
15:00 – 15:35  A2-01 High statistics measurement of the $\omega\pi^0$ transition form factor
15:35 – 16:10  A2-02 Neutron polarizabilities
16:10 – 16:45  A2-03 Measurement of the polarization observables $T, P, H, \text{ and } F$ for $p\pi^0, n\pi^+$ (and $p\eta$) final states
16:45 – 17:20  A2-04 Photodisintegration of transversely polarised deuterons

Friday March 13, 2020

15:00 – 15:35  A1-01 Quasielastic experiments with $^{12}\text{C}$ and $^{16}\text{O}$
15:35 – 16:10  Status report: Proton radius measurement with a Time Projection Chamber at MAMI
16:10 – 16:30  LOI-01 Measurement of neutron polarizabilities with an active Time Projection Chamber at MESA
16:30 – 16:50  LOI-02 Measurement of the Electromagnetic Transition Form Factor of the $\pi^0$ in the space-like region via Primakoff Electroproduction