

MITP Scientific Program

Bridging the Standard Model to New Physics with the Parity Violation Program at MESA

April 23 – May 4, 2018

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Previous workshops

- MITP – LEPP 2013
- PAVI conference series
- EW Box Workshop, Amherst, Sep 2017
- HPNC, KITP, March 2018

Week 1:

- Nucleon weak charge (Mo+Tu)
- Hadronic parity violation (We)
- β decay (Th)
- PVDIS, HPNC (Fr)

Week 2:

- Neutron skins (Mo)
- Beyond SM (Tu)
- Higher orders (We)
- Box graphs (Th)
- Beyond SM (Th+Fr)

Timetable:

<https://indico.mitp.uni-mainz.de/event/123/>

Morning sessions, 10:00 – 11:00 and 11:30 – 12:30

Afternoon sessions, 14:30 – 15:30 and 16:00 – 17:00

Talks, including time for immediate questions

Several discussion sessions:

Friday 27.4. (14:30), Tuesday 1.5. (14:30), Friday 4.5. (11:00)

for continued questions, extensions of presentations
and further discussions

Lab Tour: MAMI and the MESA construction area

Monday 23.4, 17:00

Please register !

- Upload talks to indico (or give a copy to me)
<https://indico.mitp.uni-mainz.de/event/123/>
- MITP Executive summary of results, conclusions, open questions of the afternoon discussions
- For work done or completed during the workshop:
please support the MITP by acknowledgements

There is no workshop dinner, but we suggest common dinner on

- Thursday, 26.4.
- Tuesday, 1.5.

e.g. Eisgrub, Proviantamt, Laubenheimer Höhe, Biergärten, ...

If you are interested to join: put your name on the list

For possible weekend activities: Measure the Weinberg angle yourself

