

**Agenda of the 2017 Meeting of the
Scientific Advisory Committee of
CRC 1044 „The Low-Energy Frontier of the Standard Model“**

November 8-10, 2017

Institute of Nuclear Physics (Lecture Hall)
Johannes Gutenberg University Mainz

Tuesday November 7, 2017:

19:30 Dinner Advisory Committee with Spokespersons CRC 1044
Mainz downtown

Wednesday November 8, 2017:

8:30 Taxi transfer from hotel to Institute of Nuclear Physics

9:00 Closed session of the Advisory Committee

9:30 Presentation of CRC 1044

Introduction to the Collaborative Research Center (30 + 15 min)

- Project P1 (25 + 20 min): Precision Hadron Physics: $(g-2)_\mu$ and $\alpha_{em}(M_Z^2)$

--- *Coffee* ---

- Project M1 (25 + 20 min): gamma-gamma Physics and Meson Structure

- Lattice QCD activities (20 + 10 min)

12:45 --- *Lunch* ---

14:00 - Project P2 (25 + 20 min): The Weak Charge of the Proton

- Project S3 (25 + 20 min): Light Hadron Spectroscopy

--- *Coffee* ---

- Project M2 (25 + 20 min): Meson Dynamics

17:00 Taxi transfer from Institute of Nuclear Physics to hotel

19:00 Dinner Advisory Committee with all PIs of CRC 1044
Restaurant Kupferberg

Thursday November 9, 2017:

- 8:30 Taxi transfer from hotel to Institute of Nuclear Physics
- 9:00 - Project S1 (25 + 20 min): Baryon Form Factors
 - Project S2 (25 + 20 min): Polarizabilities
 --- Coffee ---
 - Project N (25 + 20 min): Interactions in Nuclear Systems
 - new Project NT (20 + 10 min): Theoretical Nuclear Physics from First Principles
- 12:30 --- Lunch ---
- 14:00 Presentations of Beam Time Proposals and Letters of Intent
- 14:00 MAMI A2 (25 + 20 min): *High Precision Measurement of the ep elastic cross section at small Q^2*
 (Alexey Vorobyev, Petersburg Nuclear Physics Institute)
- 14:45 MAMI A1-LoI (20 + 10 min): *Quasi-elastic experiments on Argon-40*
 (Miha Mihovilovic, U Ljubljana and JGU Mainz)
- 15:15 --- Coffee ---
- 15:30 Taxi transfer from Institute of Nuclear Physics to hotel
- 16:30 Closed session of the Advisory Committee at Novotel - Dinner at Novotel

Friday November 10, 2017:

- 8:30 Taxi transfer from hotel to Institute of Nuclear Physics
- 9:00 – 12:00 Closed session of the Advisory Committee
- 12:00 Close Out - Meeting with Spokespersons of CRC 1044
- 12:30 Lunch for Advisory Committee
- 13:30 End of the Meeting

Members of the Advisory Committee:

- Prof. Reinhard Beck (Bonn, Germany)
- Prof. Diego Bettoni (Ferrara, Italy)
- Prof. Nicole d'Hose (Saclay, France)
- Prof. David Ireland (Glasgow, UK)
- Prof. William Marciano (BNL, USA)
- Prof. Zein-Eddine Meziani (Temple, USA) - chair
- Prof. Marco Ripani (Genova, Italy)