

SFB1044: Light-by-Light scattering meeting

Seehaus Forelle, Ramsen (Germany), Feb 2-3, 2017

THURSDAY, February 2nd

- 10.30 - 11:00 **Welcome & Coffee**
- 11:00 - 11:30 **Marc Vanderhaeghen**
The M1 Project: Theory
- 11:30 - 12:00 **Achim Denig**
The M1 Project: Experiment
- 12:00 - 12:45 **Harvey Meyer**
Hadronic light-by-light scattering in lattice QCD
- 13:00 - 14:30 **Lunch break**
- 14:30 - 15:15 **Andreas Nyffeler**
Pseudoscalar meson transition form factors: Theory
- 15:15 - 16:00 **Christoph Redmer**
Pseudoscalar meson transition form factors: Experiment
- 16:00 - 16:30 **Coffee Break**
- 16:30 - 17:00 **Vladimir Pascalutsa**
Sum rules for light-by-light scattering
- 17:00 - 17:45 **Igor Danilkin**
 $\gamma^* \gamma \rightarrow \pi \pi$: Dispersive analysis
- 17:45 - 18:30 **Yuping Guo**
 $\gamma^* \gamma \rightarrow \pi \pi$: Experiment
- 19:00 **Dinner and free discussion**

FRIDAY, February 3rd

- 9:00 - 9:30 **Igor Danilkin**
New results from light-by-light sum rules
- 9:30 - 10:00 **Oleksandra Deineka**
 $\gamma \gamma \rightarrow \pi^0 \eta$: coupled channel theoretical analysis
- 10:00 - 10:30 **Brice Garillon**
Small angle tagger at BESIII
- 10.30 - 11:00** ***Coffee break***
- 11:00 - 11:30 **Sasha Wagner**
Timelike meson transition form factors at A2/MAMI
- 11:30 - 12:00 **Lena Heijkenskjöld**
Measurement of the $\omega \rightarrow \pi^+ \pi^- \pi^0$ Dalitz plot distribution at WASA
- 12:00 - 13:00 Discussion on next steps
- 13:00 - 14:00** ***Lunch break***
- 14:00 End of the meeting