

ExtreMe Matter Institute EMMI

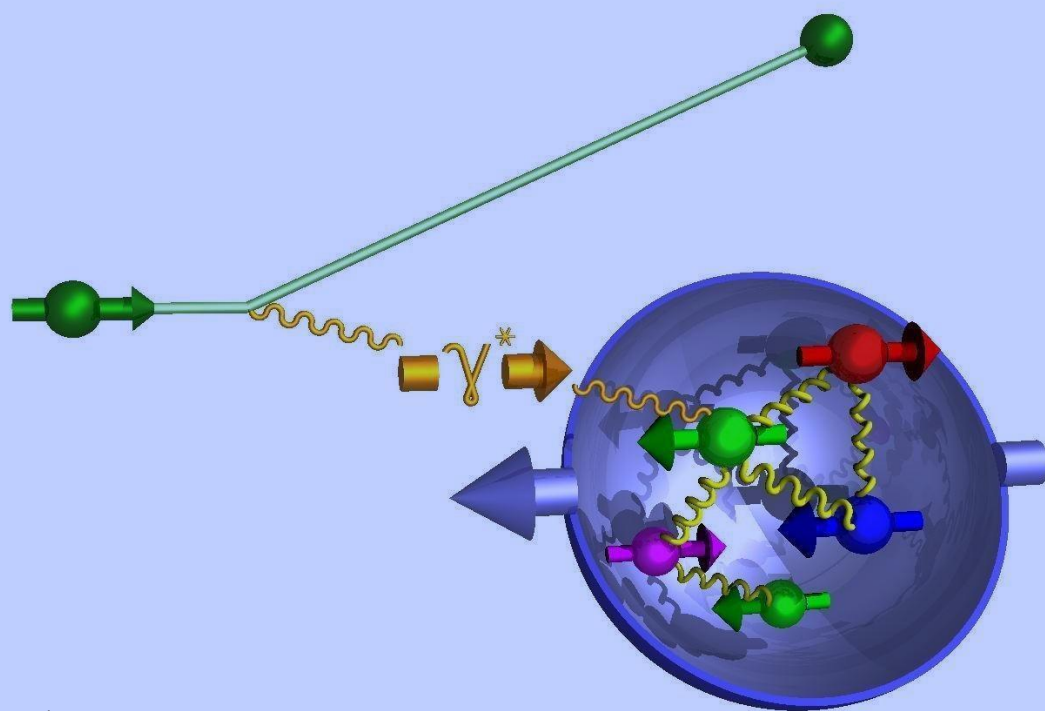
EMMI Workshop

Challenges in Photon Induced Interactions

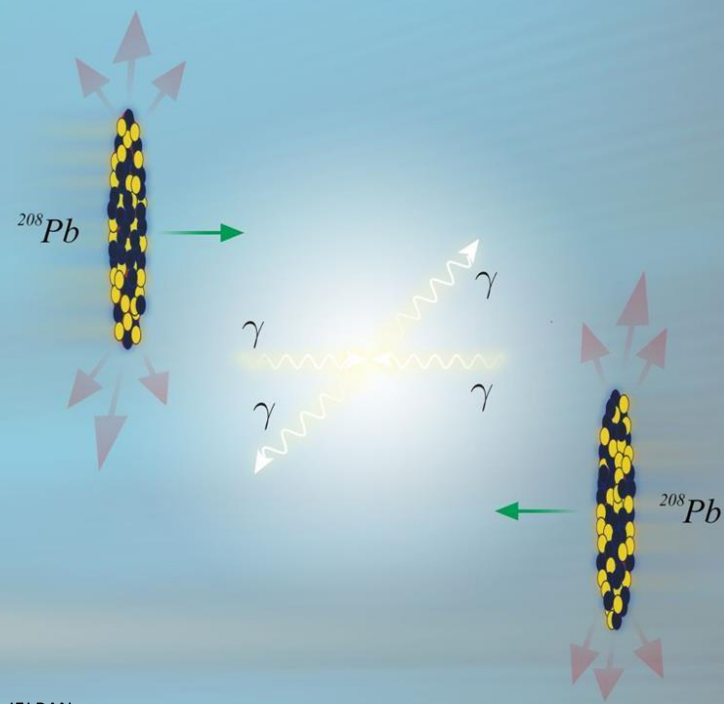
Kraków, Poland, September 5 - 8, 2017



credit: MiWi Foto | Micheal Wiejowski 2014



credit: HERMES



credit: IFJ PAN

Invited speakers include

Barbara Badełek
Angela Bracco
Jesus Guillermo Contreras Nuno
Victor Gonçalves
Valery Khoze
Edoardo Milotti
Joakim Nystrand
Giulia Pancheri
Roman Pasechnik
Josef Speth
Adam Szczepaniak

Information

www.gsi.de/emmi/workshops

Topics

- Processes induced by photons at the MeV scale
- Ultraperipheral heavy-ion collisions at RHIC and the LHC
- Photo-nuclear processes as probes of gluon distribution in nuclei
- Photons as partons in the nucleon
- Photo-excitations of baryon resonances
- $\gamma\gamma \rightarrow \gamma\gamma$ scattering in ultraperipheral heavy-ion collisions
- $\gamma\gamma$ -physics at e+e- colliders
- $\gamma\gamma \rightarrow \gamma\gamma$ scattering in laser induced reactions
- The physics of strong electromagnetic fields
- The search for beyond Standard Model Physics in $\gamma\gamma$ -collisions

Organizers

Rainer Schicker (co-chair)
Antoni Szczurek (co-chair)
Andrzej Białas
Krzysztof Golec-Biernat
Marek Jeżabek
Mariola Klusek-Gawenda
Marta Łuszczak
Wolfgang Schäfer
Rafał Staszewski
Beata Gaudyn (secretary)
Małgorzata Niewiara (secretary)

More about EMMI

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