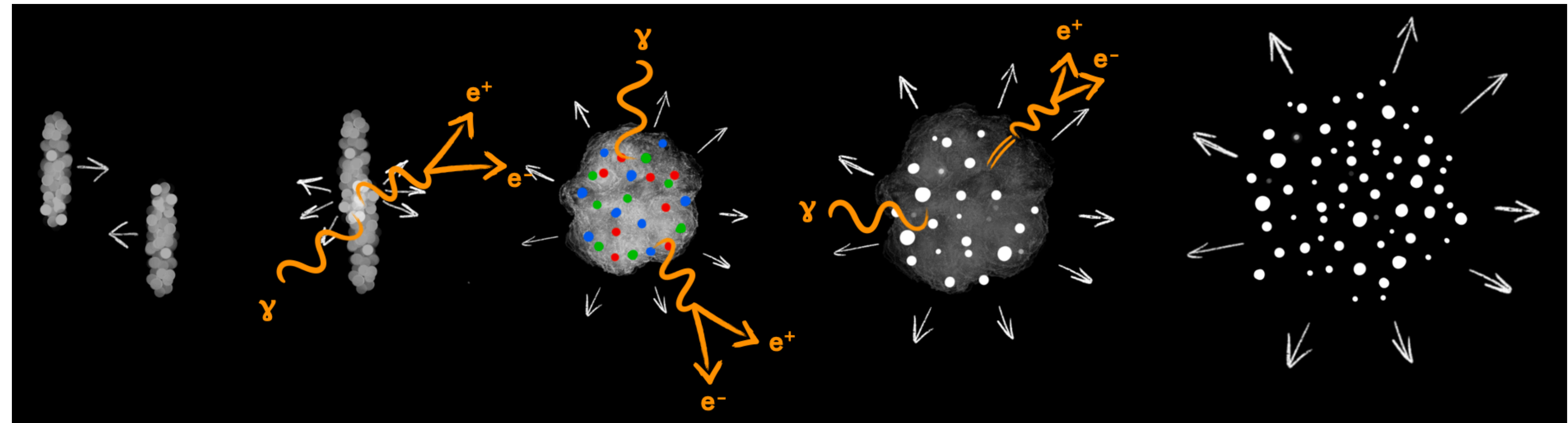
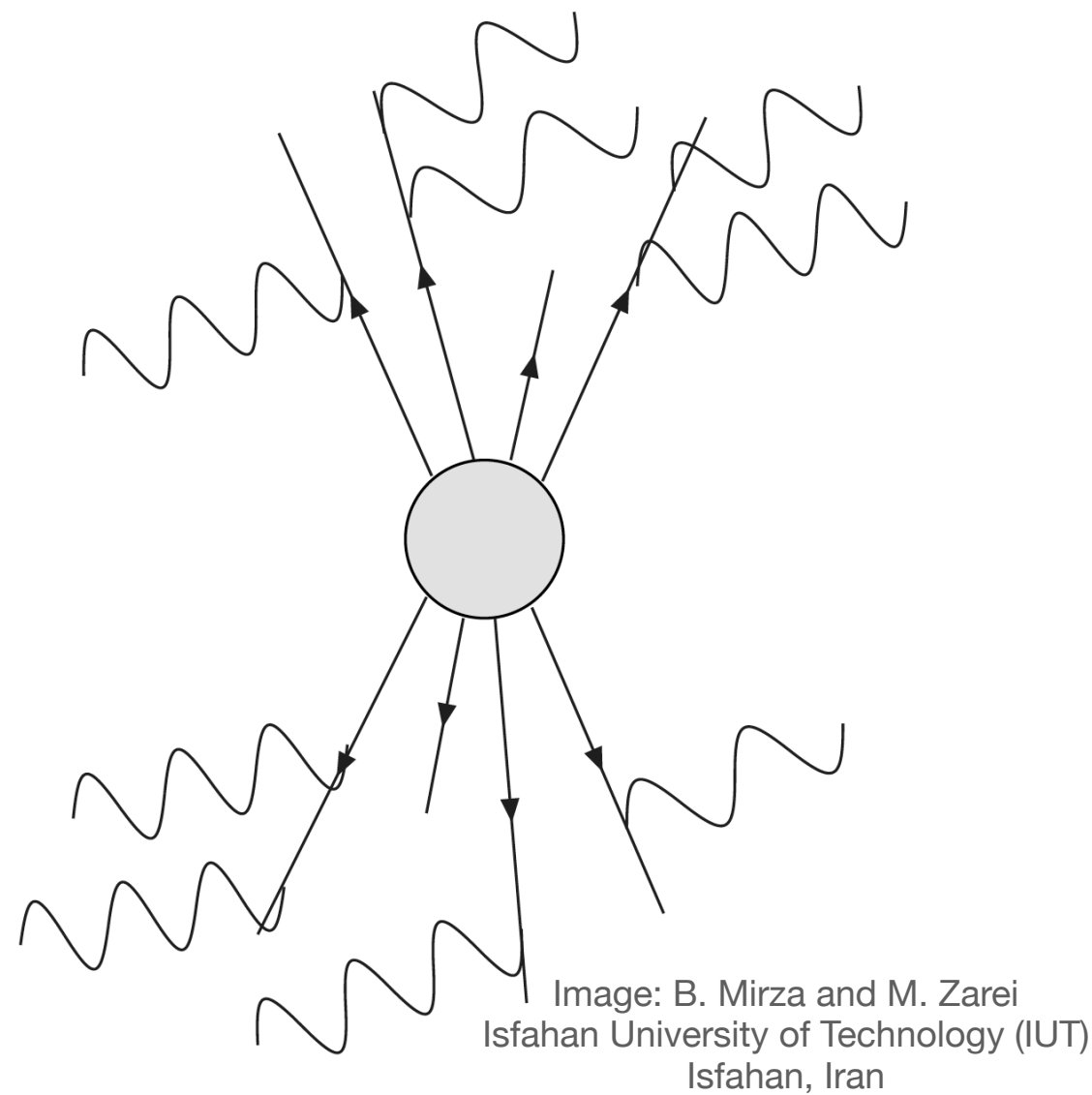


EMMI Rapid Reaction Task Force

Real and virtual photon production at ultra-low transverse momentum and low mass at LHC



August 1 - 5, 2022, GSI

Info

- GSI guest house not available this week (last minute notice)
- Transferred to hotel Schwan
- Please pay for your hotel room at check out
- We will reimburse your costs for travel and hotel, please send your original receipts by mail to Ms Maria Wallner, GSI, Planckstraße 1, 64291 Darmstadt, Germany
- Canteen, closes at 13h30, cafeteria open all day
- Reception, today at 18h30 in this building, KBW
- Conference dinner, Thursday at 18h00, hotel Schwan
www.weisser-schwan.com
- WLAN: eduroam



Goal

- Quantify physics mechanisms for low-mass dilepton production in the soft sector and determine the way to access fundamental properties of the quark-gluon plasma
- Make substantial progress on state-of-the art predictions from theory on ultra-soft photon production in the forward region
- Explore the possibilities to experimentally test fundamental properties of gauge theories and of the quark-gluon plasma in the soft sector with a new class of detectors

→ **Write up action items by the end of this workshop**

→ **Complete report by end of this year, to be published**

Format

- Presentations and discussion in the morning
- Working group meetings in the afternoon

Dileptons, convenor: Raphaelle Bailhache, meet at KBW side room

Photons, convenor: Klaus Reygers, meet at SB1 lecture hall, side room

- Campus map: <https://www.gsi.de/anreise/gsifair-campusplan>
- Shared latex document, overleaf

Plan

