- FWF project: “Dielectron production in nuclear collisions”
  (Elisa Meninno, Daniel Samitz)

  - goal: measure temperature of thermal radiation in Pb-Pb collisions from invariant mass spectrum of dielectrons

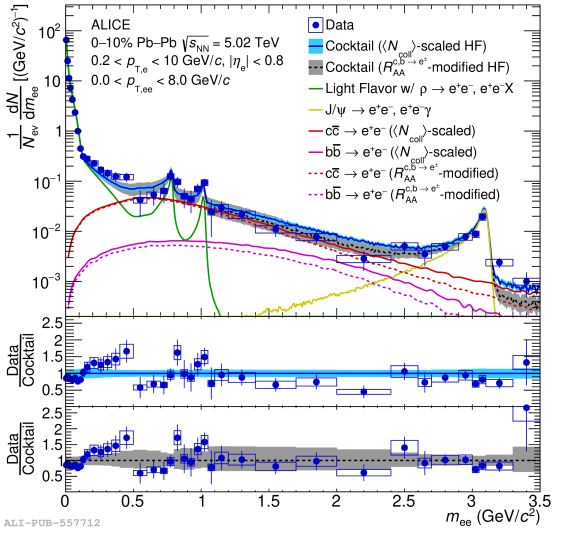
  - specific approach: use ML techniques for background subtraction and electron identification

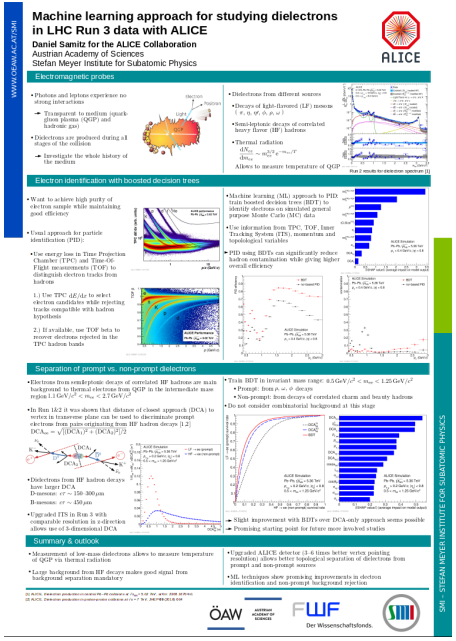
  - so far: already promising tests on Run3 Pb-Pb data (poster@ICHEP2024)

  - current work: implement code to run ML models in PWG-EM workflows (PWG-EM code still evolving a lot, only recently gave up using PWG-DQ code and switched to our own new framework)

- Lc production in pp (currently not working on that)

- Hadronization models for Herwig (currently almost not working on that)





PWG-EM: PAG LMee

- Responsible for code for cocktail simulation:
  - LF cocktail: costume generator for LF mesons (ported from AliRoot/AliPhysics)
  - HF cocktail: Pythia 8 + forced decays
  - plus cocktail analysis tasks

- PAG coordinator since March 2024

- Next LMee workshop in Vienna: 27 Nov – 29 Nov @ ÖAW Campus Bäckerstraße