

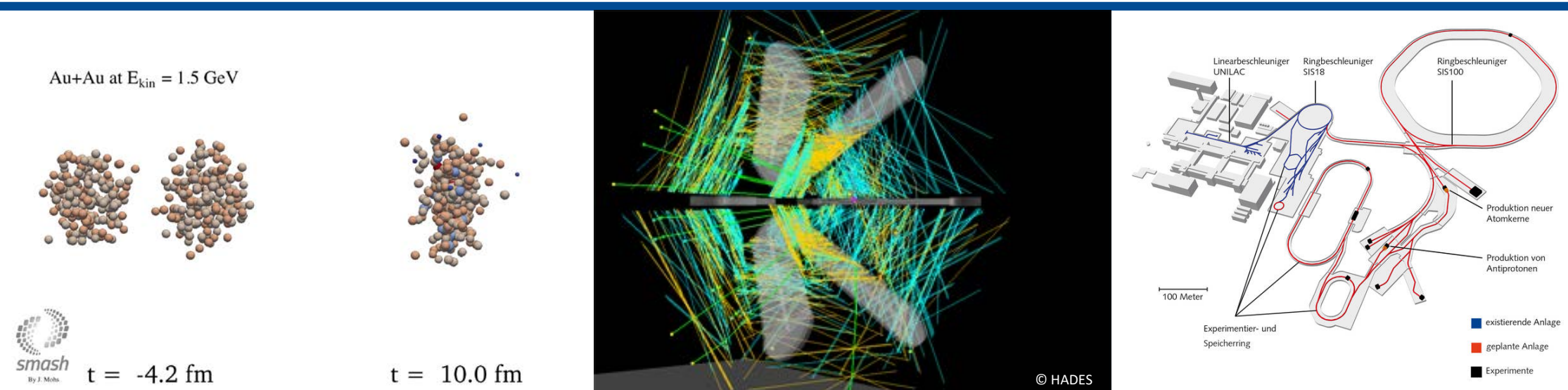
# ExtreMe Matter Institute EMMI

EMMI Workshop

## Probing Dense Baryonic Matter with Hadrons II: FAIR Phase-0

February 19-21, 2024

SB1 Lecture Hall, GSI, Darmstadt, Germany



Heavy-ion collisions in the few GeV energy-regime provide a unique opportunity to study dense baryonic matter in the laboratory. The workshop aims to continue with the critical assessment of the description of the data by microscopic and macroscopic models and to identify unresolved issues which require future activity on the experimental or theoretical side, in view of the upcoming FAIR experiments.

### Key Topics:

- EOS and matter properties at high baryon densities
- Protons, light nuclei and pions: spectra and yields
- Collectivity
- Input from hadron physics

### Organizers:

Anton Andronic  
Christoph Blume  
Hannah Elfner  
Manuel Lorenz

### Invited Speaker:

Elena Bratkovskaya  
Pawel Danielewicz  
Raffaele Del Grande  
Volker Koch  
Toru Kojo  
Arnaud LeFevre  
Yasushi Nara  
Beatrice Ramstein  
Fabian Rennecke  
Jim Ritman  
Piotr Salabura  
Sharang Rav Sharma  
David Tsang

### Information:

[www.gsi.de/emmi/workshops](http://www.gsi.de/emmi/workshops)

### Website:

<https://indico.gsi.de/event/18666/>

### More about EMMI:

[www.gsi.de/emmi](http://www.gsi.de/emmi)