

Heavy Ion Collisions in the QCD phase diagram



June 27-July 8, 2022 Subatech, Nantes (France)

Summer School



SCIENTIFIC TOPICS

- Initial state and (nuclear) parton distribution functions
- Hydrodynamics & quark-gluon plasma (QGP)
- QGP thermodynamics & thermal field theory
- Heavy quarks as probes of the QGP
- Jet as probes of the QGP
- In-medium modifications of hadrons
- Fluctuations and critical phenomena in the QCD phase diagram
- Compact stars
- From raw data to observables
- From event generators to data comparison

Organizing committee

Marcus BLUMH (Subatech)
Maxime GUILBAUD (Subatech)
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Michael WINN (EPN/IN2P3)

indico.in2p3.fr/e/HICschool2022
Scan me



Farewell!

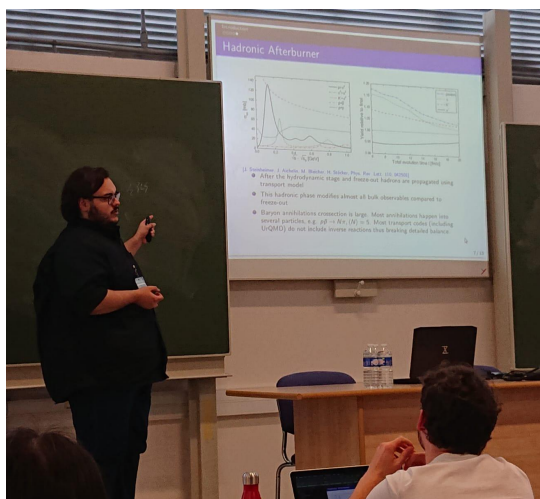
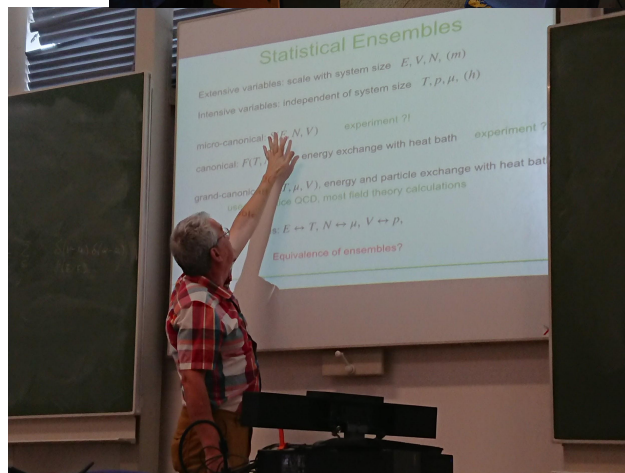
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IMT Atlantique
Bretagne-Pays de la Loire
École Mines-Télécom

Some impressions

Hard work



Some impressions

... and good food (we hope)



Some impressions

... and good fun (we hope)!



Safe travels home and a lot of success
with your PhD theses (and beyond)!