



# Workshop on the QCD equation of state in dense matter HIC and astrophysics - MAGIC23

## Tuesday, 28 March 2023

### Talks 2 (11:00 - 13:00)

time	[id] title	presenter
11:00	[4] Equation of state at not-too-large baryon number chemical potential from lattice QCD	DATTA, Saumen
11:50	[5] Effect of repulsive mean field interactions in Hadron Resonance Gas model	PAL, Somenath

# Wednesday, 29 March 2023

## Talks 2 (11:00 - 13:00)

time	[id] title	presenter
11:00	[9] Flow studies with UrQMD	BLEICHER, Marcus
11:50	[10] Investigation of shear viscosity at finite baryon density in a hybrid approach	GÖTZ, Niklas

# Thursday, 30 March 2023

## Talks 2 (11:00 - 13:00)

time	[id] title	presenter
11:00	[14] Unlocking mysteries of dense matter in neutron stars	BANDYOPADHYAY, Debades
11:50	[15] Deducing the neutron star equation of state using deep learning for inverse problem solving	SOMA, Shriya

# Friday, 31 March 2023

## Talks 2 (11:00 - 13:00)

time	[id] title	presenter
11:00	[2] MAGIC equivalence of compressed QCD matter in Heavy Ion Collisions and Binary NS mergers	STOECKER, Horst
11:50	[16] General relativistic shocks in Neutron stars	VERMA, Anshuman