

New developments in studies of the QCD phase diagram

Thursday 12 September 2024

QCD in external fields - Aula Renzo Leonardi (10:50 - 12:00)

-Conveners: Michał Marzecenko

time	[id] title	presenter
10:50	[26] Chiral restoration and deconfinement phase transitions under external magnetic field	MAO, Shijun
11:30	[27] Fluctuations of conserved charges in strong magnetic fields with (2+1)-flavor QCD	GU, Jin-Biao

QCD in external fields - Aula Renzo Leonardi (14:30 - 15:30)

-Conveners: Chihiro Sasaki

time	[id] title	presenter
14:30	[28] QCD EoS in strong magnetic fields and nonzero baryon density	KUMAR, Arpith
15:00	[29] The Roberge-Weiss transition in $N_f = 2+1$ QCD with background magnetic fields	ZAMBELLO, Kevin

QCD in external fields - Aula Renzo Leonardi (16:00 - 17:10)

-Conveners: Pok Man Lo

time	[id] title	presenter
16:00	[30] QCD phase diagram in the T - eB plane for varying pion mass	CHOWDHURY, Aminul Islam
16:30	[31] Chiral Soliton Lattice turns into 3D crystal	SCHMITT, Andreas