Bollettino Settimanale

Lunedì 11 marzo 2024	Martedì 12 marzo 2024	Mercoledì 13 marzo 2024	Giovedì 14 marzo 2024	Venerdì 15 marzo 2024
	AULA CONVERSI ore 16.00			
	SEMINARIO GENERALE			
	Doping and Probing the Original Liquid.			
	Krishna Rajagopal (MIT)			
	Heavy ion collisions reproduce droplets of the			
	microseconds-old universe, called quark-gluon			
	plasma (QGP). Over the past twenty years, data obtained via recreating this primordial fluid have			
	shown that it is the most liquid liquid in the universe, making it the first complex matter to form as well as			
	the source of all protons and neutrons. After a look at what we have learned about the formation and			
	properties of this original liquid from heavy ion collisions. I will focus on the road ahead. I will frame			
	questions that motivate experimental measurements			
	change as it is doped with an excess of quarks over antiquarks? Is there a critical point in the region of			
	the QCD phase diagram as a function of temperature and deping that begins ion colligions can			
	explore? How does a strongly coupled liquid			
	QGP with high resolution is weakly coupled quarks			
	workings of QGP and answer this question?			