

FIRE AND ICE – HOT QCD MEETS COLD AND DENSE MATTER

Saariselkä, Finland, 3–7 April 2018

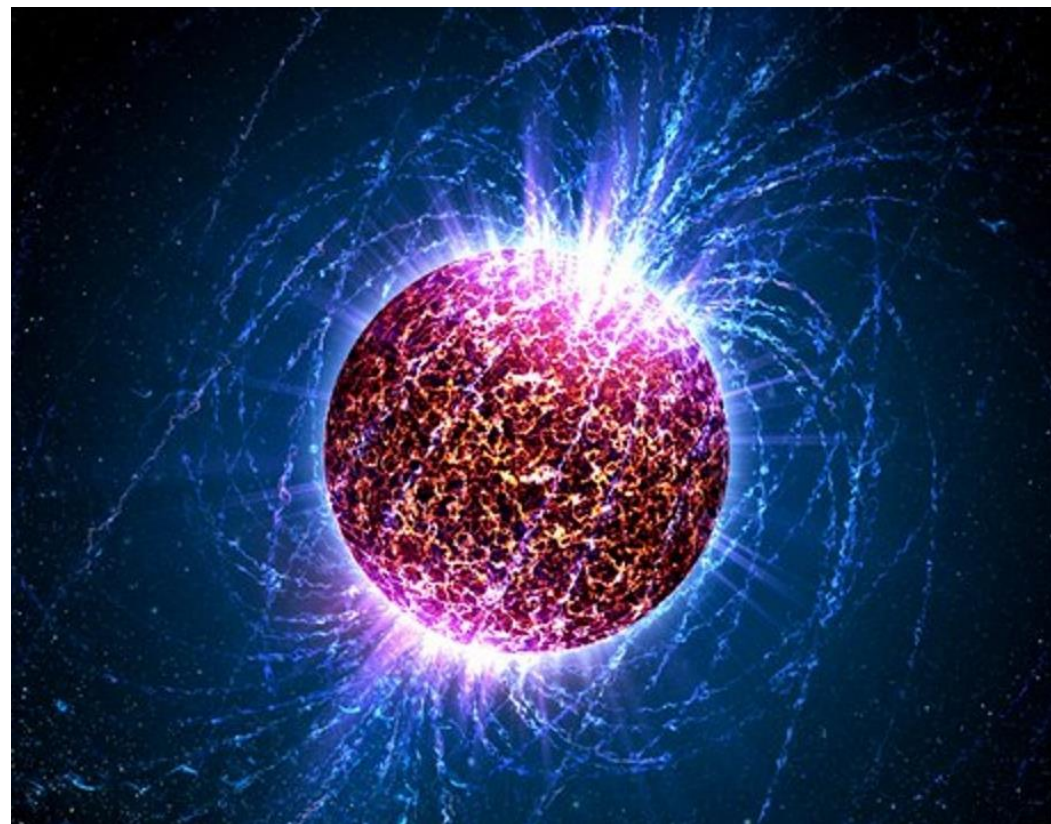
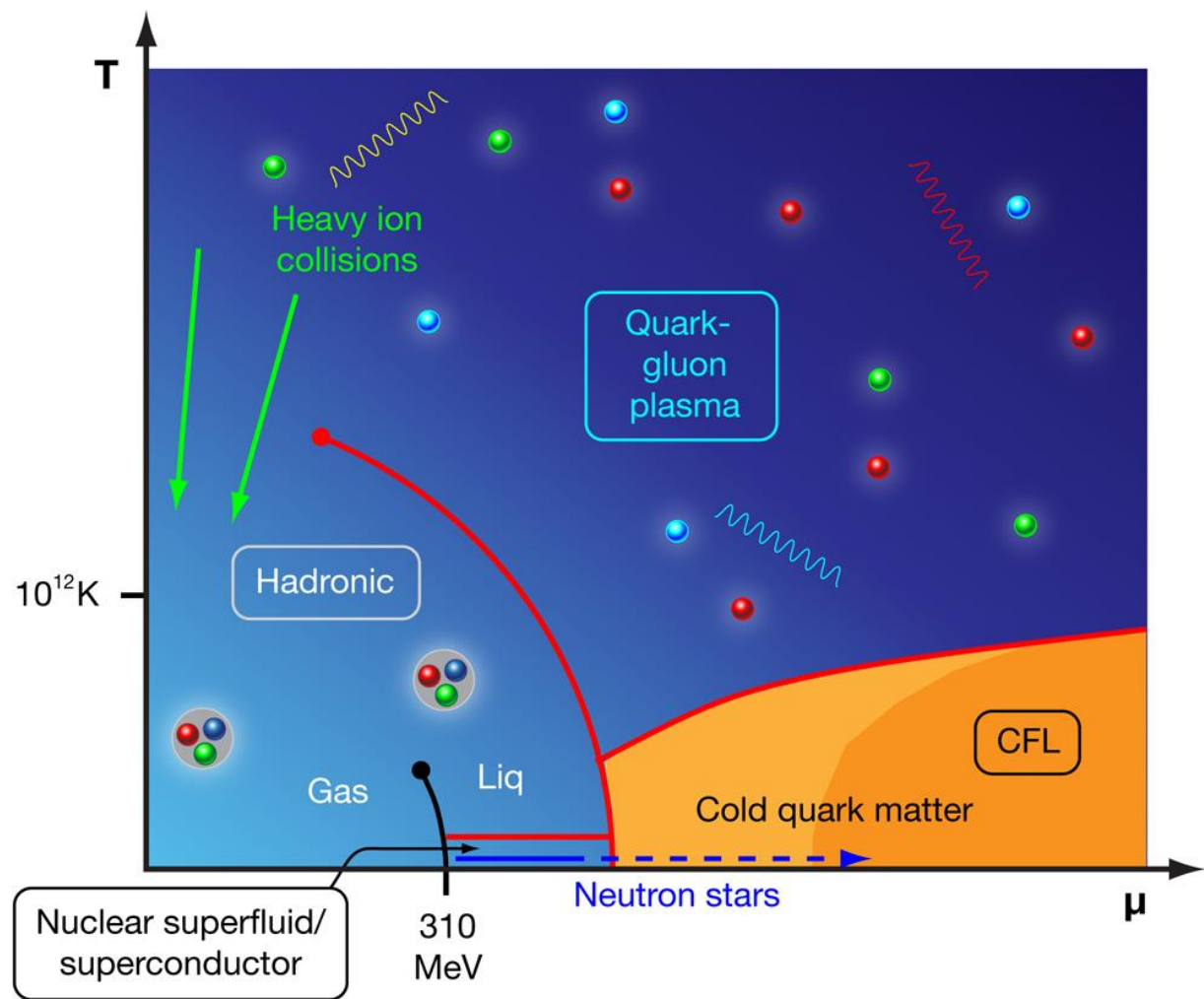


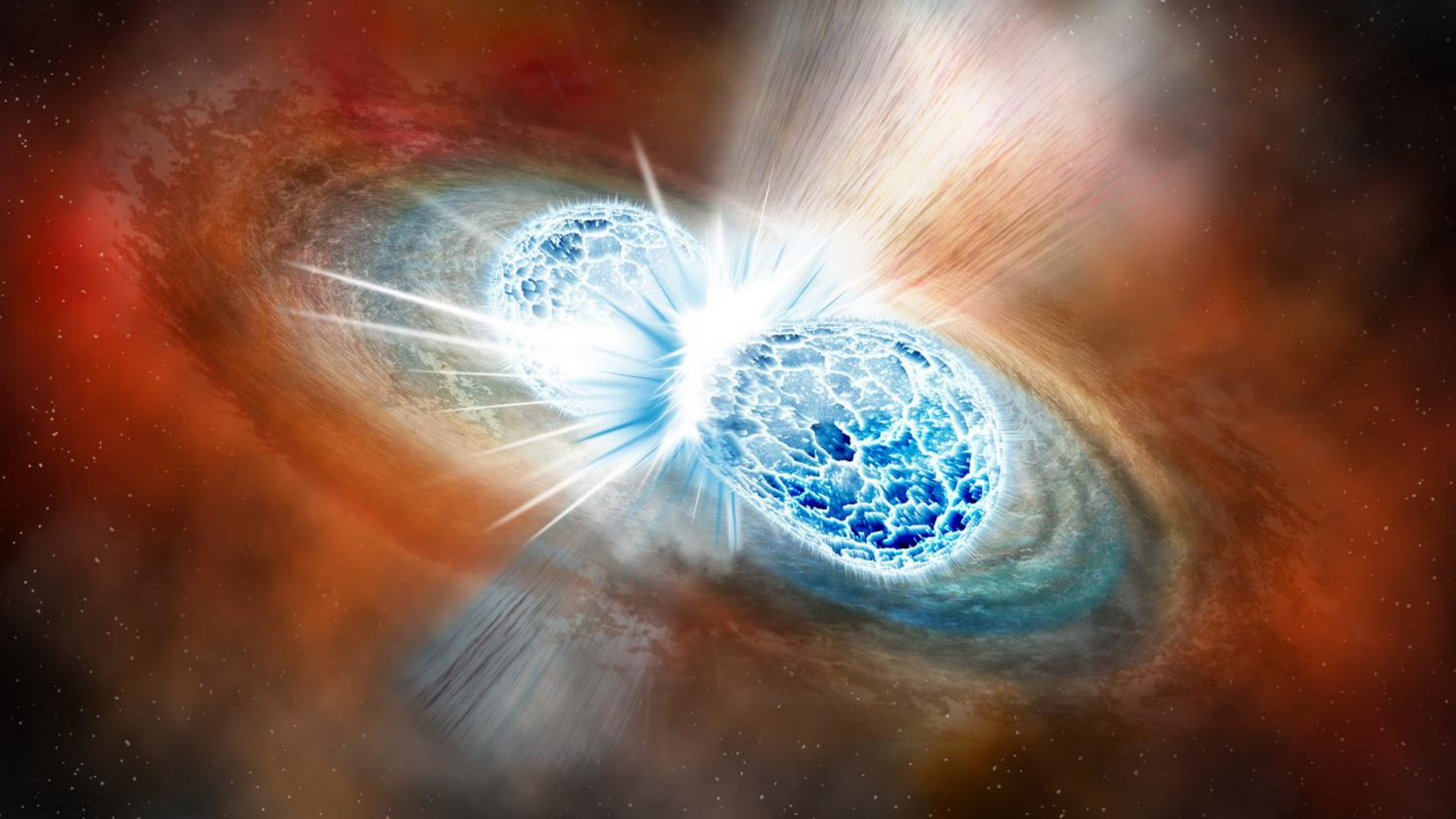
HELSINGIN YLIOPISTO
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UNIVERSITY OF HELSINKI



Magnus Ehrnrooth Foundation







Key idea behind workshop: bring together two communities – QGP theorists and NS physicists

Two underlying questions to keep in mind:

- 1) What can neutron stars tell us about the fundamental properties of QCD?
- 2) What insights/methods can we transport from studies of hot QCD to the cold and dense side?

“Neutron stars
and their
mergers”

“Equation of
State of dense
QCD matter”

“Applications
of holography
at high T or μ ”

“pQCD and EFT
computations
at high T”

“Recent
advances in
lattice QCD”

Time	Tue, Apr 3	Wed, Apr 4	Thu, Apr 5	Fri, Apr 6	Sat, Apr 7
08.50-09.00	Welcome				
09.00-09.45	Bovard	Hebeler	Romatschke	McLerran	Aarts
09.45-10.00	Coffee	Coffee	Coffee	Coffee	Coffee
10.00-10.45	Alford	Basar	Hoyos	Ghiglieri	Rindlisbacher
10.45-11.30	Poutanen	Hands	Mateos	Arnold	de Forcrand
11.30-16.00	Lunch and skiing	Lunch and skiing	Lunch and skiing	Lunch and skiing	Lunch and end
16.00-16.30	Suleimanov	Dexheimer	Starinets	Laine	
16.30-17.00	Nättilä	Tolos	Rebhan	Moore	
17.00-17.30	Coffee	Coffee	Coffee	Coffee	
17.30-18.00	Gorda	Fraga	van der Schee	Strickland	
18.00-18.30	Most	Brauner	Rodriguez	Lappi	
18.30-19.00	Weih	Säppi	Järvinen		
19.00-	Dinner	Dinner	Dinner	Dinner	

SERVICES ON THE MAP:

ALKO/LIQUOR STORE: 18
 APARTMENTS: 2, 4, 18
 ART GALLERY: 2
 CAFÉ / BAR: 1, 5, 7, 8, 11, 12, 15, 16, 17, 18
 CENTRAL BOOKING OFFICE: 4
 EQUIPMENT RENTAL: 4, 8, 23
 GIFTS, HANDICRAFT, SOUVENIRS: 2, 3, 6, 18
 GROCERY STORE: 18
 HOTEL / ACCOMMODATION: 5, 8, 9, 11, 12, 17
 NATIONAL PARK INFORMATION: 2, 13
 OUTDOOR & INDOOR FASHION: 2, 19
 PHARMACY: 18
 POST OFFICE: 18
 RESTAURANT: 1, 2, 4, 7, 8, 9, 10, 11, 12, 17, 18
 SAFARIS & PROGRAMS: 4, 5, 23
 TAXI: 18
 TOURIST INFORMATION: 2
 MEDICAL CENTER: 14



