

[HOME](#)[DIRECTORY](#)[ACTIVITIES](#)[PROPOSE ACTIVITY](#)[APPLY](#)[FOR VISITORS](#)[ONLINE TALKS](#)[OUTREACH](#)

## KITP Conference: Flux tubes, Quark Confinement and Exotic Hadrons

(Jan 18-21 &amp; 24, 2022)

Coordinators: **Monica Guica, Marek Karliner, Igor R. Klebanov, and Pedro Vieira**

### Tuesday, Jan 18, 2022

8:50am Lars Bildsten (KITP)	Welcome
9:00am Andreas Athinodorou (Cyprus Inst.)	TBD
9:40am Jaume Gomis (Perimeter Inst.)	Infrared Dynamics of QCD Theories
10:20am Zoltan Fodor (Penn State)	$(g-2)_m$ from lattice QCD and experiments: 4.2 sigma?
10:55am	Break
11:10am Zohar Komargodski (SCGP) Simeon Hellerman (Kavli IPMU)	Discussion: Strings and EFT

### Wednesday, Jan 19, 2022

9:00am Davide Gaiotto (Perimeter Inst.)	1-form symmetries and the phase diagram of Yang Mills theory?
9:40am Victor Gorbenko (EPFL)	On the worldsheet theory of confining flux tubes
10:20am John McGreevy (UCSD)	Mean String Field Theory and the lower critical dimension
10:55am	Break
11:10am Luis Kruczenski (Purdue) Vladimir Kazakov (ENS Paris)	Discussion: Bootstrap in matrix models and lattice Yang-Mills theory

### Thursday, Jan 20, 2022

9:00am Atsushi Hosaka (Osaka U)	TBD
9:40am Arkady Tseytlin (Imperial College)	Wilson loops and RG flow on line defect
10:20am Michele Caselle (U Turin)	Lattice determination of confining string contributions in the (2+1) dimensional SU(2) LGT
10:55am	Break
11:10am Anna Hasenfratz (CU Boulder) Marina Krstic Marinkovic (ETH Zurich)	Lattice Gauge Theory

### Friday, Jan 21, 2022

9:00am Feng Kun Guo (CAS) Tomasz Skwarnicki (Syracuse)	Theoretical understanding of heavy-flavor exotic hadrons
10:00am	Break
10:15am Giancarlo Rossi (Uni. Roma II)	Tetra-quarks, penta-quarks and exotics - Old and new views
10:55am Jon Rosner (U. Chicago)	Flux Tubes and Exotic Particles
11:35am Benjamin Basso (ENS Paris)	TBD

### Monday, Jan 24, 2022

9:00am Silviu Pufu (Princeton)	TBD
9:40am Cobi Sonnenschein (Tel Aviv U)	TBD
10:20am Gabriel Cuomo (SCGP)	Semiclassical limits of impurities and Wilson lines
10:55am	Break
11:10am Misha Shifman (FTPI) Arkady Vainshtein (KITP)	TBD