



# A Virtual Tribute to Quark Confinement and the Hadron Spectrum 2021

## Monday, August 2, 2021

### Plenary: Afternoon Plenary 1 (3:00 PM - 3:30 PM)

time	[id] title	presenter
3:00 PM	[M16] Overview of the EIC project	ASCHENAUER, elke-caroline

### Plenary: Afternoon Plenary 2 (3:50 PM - 4:50 PM)

time	[id] title	presenter
3:50 PM	[M17] Overview on lattice & LAMET/EFT calculations of TMD PDF quasi PDFs and GPDs	CICHY, Krzysztof
4:20 PM	[M18] Heavy Flavor at the EIC	VITEV, Ivan

# Tuesday, August 3, 2021

## Plenary: Morning Plenary 1 (6:30 AM - 7:30 AM)

time	[id] title	presenter
6:30 AM	[M21] Overview of heavy ion experiment results and perspectives	CHRISTAKOGLU, Panos
7:00 AM	[M20] Nonequilibrium evolution of quarkonium in medium	AKAMATSU, Yukinao

## Plenary: Morning Plenary 2 (7:50 AM - 8:50 AM)

time	[id] title	presenter
7:50 AM	[M19] Overview of high temperature and high density QCD	SKULLERUD, Jon-Ivar
8:20 AM	[M22] Open-quantum systems and EFT picture of in-medium Quarkonium	VAIRO, Antonio

# Wednesday, August 4, 2021

## **Plenary: Afternoon Plenary 1 (1:50 PM - 2:50 PM)**

time	[id] title	presenter
1:50 P	[M27] Precision determinations of $\alpha_s$ and quark masses	KRONFELD, Andreas
2:20 P	[M24] Status of the sign problem in QCD and perspectives in simulating lattice gauge theories with quantum technology	WIESE, Uwe-Jens

## **Plenary: Afternoon Plenary 2 (3:10 PM - 4:10 PM)**

time	[id] title	presenter
3:10 P	[M25] Machine learning and quantum computing applied to particle physics	RINGER, Felix
3:40 P	[M26] Resurgence: how to connect perturbative and nonperturbative physics with distinguished applications to QCD	DUNNE, Gerald

## **Plenary: Remembering Ann Nelson and Simon Eidelman (4:10 PM - 4:40 PM)**

time	[id] title	presenter
4:10 P	[M52] Remembering Ann Nelson	GEORGI, Howard
4:25 P	[M53] Remembering Simon Eidelman	SHURYAK, Edward

# Thursday, August 5, 2021

## Plenary: Morning Plenary 1 (6:30 AM - 7:30 AM)

time	[id] title	presenter
6:30 AM	[M23] Signals for quark deconfinement in the GWs from binary merger events	BAUSWEIN, Andreas
7:00 AM	[M29] Isospin breaking in lattice matrix elements for $V_{us}$	MARTINELLI, Guido

## Plenary: Morning Plenary 2 (7:50 AM - 8:50 AM)

time	[id] title	presenter
7:50 AM	[M33] Neutron lifetime and dark decay of the neutron and hydrogen, neutron-antineutron oscillations	BEREZHIANI, Zurab
8:20 AM	[M32] Gauge fields and condensed matter ADS/CFT applications	ZANEN, Jan

# Friday, August 6, 2021

## Plenary: Afternoon Plenary 1 (4:40 PM - 5:40 PM)

time	[id]	title	presenter
4:40 PM	M31	Walking and the dilaton of near-conformal gauge theories	KUTI, Julius
5:10 PM	M30	RBC/UKQCD collaboration results on epsilon'/epsilon	KELLY, Christopher

## Plenary: Afternoon Plenary 2 (6:00 PM - 6:30 PM)

time	[id]	title	presenter
6:00 PM	M28	X(3872) mass, decay, and production in pp (and heavy-ion) collisions	BRAATEN, Eric