



# APCTP Focus Program in Nuclear Physics 2021 Part II: Science Opportunities with EIC

## Monday, July 19, 2021

**Focus Program: Session A (1:55 PM - 4:15 PM)**

-Conveners: Yongseok Oh

time	[id] title	presenter
1:55 PM	[1] Welcome Remarks	JI, Chueng-Ryong
2:00 PM	[2] Delta baryon photoproduction with twisted photons	CARLSON, Carl
2:40 PM	[3] Gravitational form factors and mechanical properties of hadrons	POLYAKOV, Maxim
3:20 PM	Break	
3:35 PM	[4] Generalized parton distributions from experiments	MOUTARDE, Hervé

# Tuesday, July 20, 2021

## **Focus Program: Session B (2:00 PM - 4:15 PM)**

**-Conveners: Hyun-Chul Kim**

time	[id] title	presenter
2:00 PM	[5] Simplicity and complexity in the light-front vacuum	HILLER, John
2:40 PM	[6] Proton mass decomposition	LORCÉ, Cédric
3:20 PM	Break	
3:35 PM	[7] Hadron physics program at J-PARC	SAWADA, Shinya

# Wednesday, July 21, 2021

## **Focus Program: Session C (2:00 PM - 3:55 PM)**

**-Conveners: Kyungseon Joo**

time	[id] title	presenter
2:00 PM	[8] Emergence of hadron mass from the experimental results on hadron structure	MOKEEV, Victor
2:40 PM	Break	
2:55 PM	[15] Space-like and Time-like Form Factors in Nucleon Resonance Production I	RAMSTEIN, Beatrice
3:25 PM	[16] Space-like and Time-like Form Factors in Nucleon Resonance Production II	COLE, Philip

# Thursday, July 22, 2021

## **Focus Program: Session D (2:00 PM - 4:15 PM)**

**-Conveners: Seung-II Nam**

time	[id] title	presenter
2:00 PM	[9] Three-dimensional structure of the nucleon and the opportunities of the EIC	PROKUDIN, Alexei
2:40 PM	[10] Interpolating instant form dynamics and light-front dynamics	JI, Chueng-Ryong
3:20 PM	Break	
3:35 PM	[11] The saga of proton sea asymmetry	CHANG, Wen-Chen

# Friday, July 23, 2021

## Focus Program: Session E (2:00 PM - 4:15 PM)

-Conveners: Ho-Meoyng Choi

time	[id] title	presenter
2:00 PM	[12] K-long beam experiment at Jefferson Lab	STRAKOVSKY, Igor
2:40 PM	[13] Hyperon-proton scattering experiment at J-PARC for better understanding of hyperon-nucleon interaction	MIWA, Koji
3:20 PM	Break	
3:35 PM	[14] Production of XYZ states	PILLONI, Alessandro

# Saturday, July 24, 2021

**Focus Program: Session F: Discussion (2:00 PM - 4:15 PM)**

**-Conveners: Domestic Participants**