

# MRE Young Scientist Award sessions

(May 10-11, 2023, starts at 20:00 Beijing time/8:00EDT/14:00 Paris time/12:00 GMT)

**Join the meeting**      Zoom ID: 815 7041 6551      Code: 100827

**Watch broadcast**      <https://www.koushare.com/lives/room/025702>

No.	Time	Name	Presentation Title
<b>Session May 10th (Animator: Stefan Weber)</b>			
	20: 00~20: 10	Michel Koenig	Introduction
1	20 : 10~20 : 30	Chang Liu	Mapping Extremal Stresses from First Principles: A Case Study of Diamond
2	20 : 30~20 : 50	Cong Liu	Superionic Helium-Alumina compounds at Gas-giant conditions from First-Principles
3	20 : 50~21 : 10	Philip Dalladay-Simpson	Distinct Vibrational Signatures and Complex Phase Behavior in Metallic Oxygen
4	21 : 10~21 : 30	Xiaofei Shen	Generation and acceleration of dense positron beams by irradiation of a thin microtape with ultraintense lasers
5	21 : 30~21 : 50	Yang Wan	Direct characterization of the laser and particle beam driven plasma wakefield
6	21 : 50~22 : 10	Yinren Shou	Over-90 MeV protons driven by target normal sheath acceleration
<b>Session May 11th (Animator: David Crandall)</b>			
7	20: 00~20: 20	Jieru Ren	Laser-driven p11B fusion reactions in dense plasmas beyond the beam target fusion
8	20 : 20~20 : 40	Anna Grassi	Impact of collisions in the energy partition of high-Mach number shocks produced on the National Ignition Facility
9	20 : 40~21 : 00	Tobias Dornheim	Electronic density response of warm dense hydrogen on the nanoscale
10	21 : 00~21 : 20	Weipeng Yao	Laboratory stochastic particle acceleration off electromagnetic turbulent structures