



## MRE Young Scientist Award sessions

(May 16-17, 2022, starts at 20:00 Beijing time/8:00EDT/14:00 Paris time/12:00 GMT)

**Join the meeting** Zoom ID : 984 5752 5658 Code : 682401

**Watch broadcast** <https://www.koushare.com/lives/room/558627>

No.	Time	Name	Presentation Title
<b>Session May 16th (Animator: Stefan Weber)</b>			
	20 : 00~20 : 10	Michel Koenig	Introduction
1	20 : 10~20 : 30	Anna Grassi	Exploring the physics at the most intense fields of the Universe with UHI lasers
2	20 : 30~20 : 50	Yanfei Li	Highly polarized positrons generated via nonlinear Breit-Wheeler processes in ultra-intense laser fields
3	20 : 50~21 : 10	Zheng Gong	Ultrarelativistic spin-polarized plasma driven by high-intensity laser pulse
4	21 : 10~21 : 30	Yajie Wang	Pressure-induced polymerization of Hexafluorobenzene via highly selective 1,4-addition reaction
5	21 : 30~21 : 50	Yanhao Lin	Hydrous SiO <sub>2</sub> transporting water to the core-mantle boundary
<b>Session May 17th (Animator: David Crandall)</b>			
6	20 : 00~20 : 20	Yunwei Zhang	Development of novel superconductivity with high TC in electride materials under high pressures
7	20 : 20~20 : 40	Arnaud Colaitis	3D simulations of OMEGA implosions in presence of low mode asymmetries: systematic flow anomalies and impact of low modes on implosion performances
8	20 : 40~21 : 00	Weipeng YAO	Nanosecond laser pulse propagation and laser-plasma instabilities in a magnetized, underdense plasma
9	21 : 00~21 : 20	Jieru Ren	Laboratory generation and applications of uniform dense plasma