



The Physical Society of Japan 2022 Annual (77th) Meeting Plenary Session Program

Korea-Japan Joint Symposium

Held online (Zoom webinar) :

<https://us02web.zoom.us/j/81214552490?pwd=WmptQXJkQmd1U2xidUttcnlWOT0Ezd09> (ID : 812 1455 2490 passcode : 353078)

Date : 9:00 AM-12:00 PM, Friday, March 18, 2022 (the 4th day)

General Chair : Zheng Guo-qing (Okayama Univ.) 鄭 国慶 (岡山大学)

Program : 1. Greetings from the President (9:00 - 9:05)

2. Plenary lectures (9:05 - 12:00)

1. Recent progress in dark matter and neutrino physics - focusing on Center for Underground Physics program

Yeongduk Kim (IBS Center for Underground Physics)

9:05 AM-9:45 AM (40 min.)

Chair : Hirokazu Tamura, Vice President

(副会長 : 田村 裕和)

2. Emergence of Gravitational Spacetime from Quantum Information

Tadashi Takayanagi 高柳 匡

(Yukawa Institute for Theoretical Physics, Kyoto University)

(京都大学 基礎物理学研究所)

9:45 AM-10:25 AM (40 min.)

Chair : Hirokazu Tamura, Vice President

(副会長 : 田村 裕和)

Break (10 min.) 10:25 - 10:35

3. Searching for correlated topological phases in transition metal oxide heterostructures

Tae Won Noh (IBS Center for Correlated Electron Systems)

10:35 AM- 11:15 AM (40 min.)

Chair : Setsuko Tajima, President

(会長 : 田島 節子)

4. Materials Science of Electrides

Hideo Hosono (Tokyo Institute of Technology)

細野 秀雄 (東京工業大学)

11:15 AM-11:55 AM (40 min.)

Chair : Setsuko Tajima, President

(会長 : 田島 節子)

Closing Remarks (General Chair) 11:55 AM-12:00 PM