



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

Held online (Zoom webinar)

Date : 9:00 AM-12:00 PM, Friday, March 18, 2022 (the 4<sup>th</sup> 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)

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

**Yeongduk Kim (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)

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Break (10 min.) 10:25 - 10:35  
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### 3. Searching for correlated topological phases in transition metal oxide heterostructures

**Tae Won Noh (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