

**Session Program**

**June 27, 2022 to July 1, 2022**

**14th International Conference on  
Hypernuclear and Strange Particle Physics -  
HYP2022**

***4; Thu-11b***

Prague, Czech Republic  
Prague, Czech Republic

# Thu, June 30

11:00 AM

## 4; Thu-IIb

**Session** | **Location:** Hotel Pyramida | **Convener:** Petr Bydzovsky

11:00 - 11:15 AM

### Hypernuclear production spectroscopy with an extended shell model

**Speaker**

Dr Atsushi Umeya

**Location**

online

11:15 - 11:30 AM

### Production of light $\Xi$ -hypernuclei, $7\Xi\text{H}$

**Speaker**

Hiroyuki Fujioka

**Location**

online

11:30 - 11:45 AM

### Results of analysis of $\Sigma^+p$ scattering events in J-PARC E40 experiment: differential cross sections and phase shifts of $^3S_1$ and $^1P_1$ states

**Speaker**

Takuya Nanamura

**Location**

online

11:45 AM - 12:00 PM

### High resolution spectroscopy of the " $\Sigma\text{N}$ cusp" at J-PARC (J-PARC P90)

**Speaker**

Yudai Ichikawa

**Location**

online

12:00 - 12:15 PM

### A spectroscopic study of $^{10}\Xi\text{Li}$ hypernucleus via the $^{10}\text{B}(K^-, K^+)X$ reaction

**Speaker**

Atsushi Tokiyasu

**Location**

online

12:15 - 12:30 PM

### $K^+ + \Sigma^-$ photoproduction within an isobar model

**Speaker**

Dalibor Skoupil

**Location**

Hotel Pyramida

12:30 - 12:45 PM

### Studying $\Lambda$ interactions in nuclear matter with the $^{208}\text{Pb}(e, e'K^+)^{208}\text{AtI}$ reaction

12:45 PM

**Speaker**

Dr Franco Garibaldi

**Location**

Hotel Pyramida