

**Session Program**

**16-19 May 2022**

**International Workshop on Breakdown  
Science and High Gradient Technology  
(HG2022)**

***Power Source / SLED***

# Thursday 19 May

15:00

## Power Source / SLED: THU-1

Session | Convener: Tetsuo Abe

15:00–15:20

### High-intensity 300-GHz Terahertz-wave generation based on nonlinear optical down-conversion

**Speaker**

Hiroaki Minamide

15:20–15:40

### X-band and high-efficiency development

**Speaker**

Igor Syratchev

15:40–16:00

### Magnetron Power Combination as compact X-band RF source

**Speaker**

Jiayang Liu

16:00–16:20

### Pulse-to-Pulse Waveform Analysis for Evaluation of Pulse Compressor System

**Speaker**

Yusei Bando

16:20–16:40

### X-band Novel open cavity SLED

**Speaker**

Xiaowei Wu

16:40–17:00

### RF design of the Pulse compression system for the klystron-based CLIC main linac

**Speaker**

Ping Wang

17:00