



Chitose International Forum on Science and Technology 2025 (CIF25)

## **Best Paper Award**

**R1\_01**

### **Increased Lettuce Yield by LED Irradiation to Roots in Hydroponics**

Haruki Ichikawa, Ken Yokawa

Kitami Inst. Tech.

## **Best Poster Award**

**P1\_05**

### **Synthesis and Structure of Polyphenylacetylene with Dipeptide in the Side Chain**

Taku Matsuo, Kento Okoshi

Chitose Institute of Science and Technology

**P1\_16**

### **Development of a novel screening process of green coffee beans employing Convolutional Neural Network and verification of its generalizability**

Masaya Fujiwara, Makoto Hasegawa

Chitose Institute of Science and Technology

**P1\_19**

### **Topology Optimization of Combinational Optical Logic Circuits**

Toyohiro Kono, Akito Iguchi, Yasuhide Tsuji

Muroran Institute of Technology

**P2\_13**

### **Computational Insights into the Binding of Phosphoinositides to Voltage-Sensing Phosphatase**

Yukina Sakai<sup>1</sup>, Yu Takano<sup>2</sup>, Yasushige Yonezawa<sup>3</sup>, Hiroko X. Kondo<sup>1</sup>

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