

## Oral Presentations

Thursday, July 29 13:50-15:20 (Hankyu-Sanwa Conference Hall)

O-1

### **Nonlinear Optical Effects in a Vacuum with Ultra-Intense Laser**

Y. Monden and R. Kodama

Graduate School of Engineering, Osaka University, Japan

O-2

### **DFG-Based LiTaO<sub>3</sub> Millimeter-Wave Signal Generation Device Using Dispersion in a Rectangular Waveguide**

Q. H. Ngo, H. Murata and Y. Okumura

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O-3

### **Development of a Stilbazolium Derivative for Application to THz Wave Generation**

M. Uchiyama<sup>1)</sup>, M. Yamagishi<sup>1)</sup>, T. Matsukawa<sup>1)</sup>, Y. Takemoto<sup>2)</sup>, K. Takeya<sup>2)</sup>, M. Yoshimura<sup>1)</sup>,  
H. Umezawa<sup>3)</sup>, Y. Takahashi<sup>1)</sup>, I. Kawayama<sup>2)</sup>, S. Okada<sup>4)</sup>, M. Tonouchi<sup>2)</sup>, Y. Kitaoka<sup>1)</sup>, T. Sasaki<sup>1)</sup>  
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Technology, Japan

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O-4

**Characterization of CsLiB<sub>6</sub>O<sub>10</sub> Crystal Grown in Dry Atmosphere**

Y. Mizobe<sup>1),2)</sup>, M. Yoshimura<sup>1),2)</sup>, Y. Shimizu<sup>1),2)</sup>, T. Kawamura<sup>1),2)</sup>, K. Matsuki<sup>3)</sup>, S. Iida<sup>2),3)</sup>,  
S. Imai<sup>2),3)</sup>, Y. Kaneda<sup>1),2),5)</sup>, J. Hirohashi<sup>2),4)</sup>, A. Miyamoto<sup>2),4)</sup>, Y. Furukawa<sup>2),4)</sup>, Y. Kitaoka<sup>1),2)</sup>,  
T. Sasaki<sup>1),2)</sup> and Y. Mori<sup>1),2)</sup>

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O-5

**Thermal Mid-Infrared Emitter by Spoof Surface Plasmon Mode**

Y. Ueba, J. Takahara and T. Nagatsuma

Graduate School of Engineering Science, Osaka University, Japan

O-6

**Axially Symmetric Polarizer Using a Liquid Crystal Etalon with Concentric Alignment**

K. Tagashira, H. Yoshida, H. Kubo, A. Fujii and M. Ozaki

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