

# LIST OF AWARD WINNERS

The following presentations were awarded the Excellent Presentation Award based on the voting results of the participants and the recommendation of the NDTFMA2021 organizing committee.

## Best Oral Presentation Award winners:

I-2 Effects of multiple steps AC poling on electrical properties of  $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-x\text{PbTiO}_3$  single crystal

Tsubasa Sato, Yu Sakano, and Shinichi Abe  
Tayca. Corp., Japan

O-14 Giant domain wall conductivity in self-assembled  $\text{BiFeO}_3$  nanocrystals

Lisha Liu, Kun Xu, Qian Li, John Daniels, Hua Zhou, Jiangyu Li, Jing Zhu, Jan Seidel, Jing-Feng Li  
Tsinghua University, China

## Second Best Oral Presentation Award winners:

O-7 Superior piezoelectric performance in relaxor ferroelectric single crystals under AC polarization and its application in transducers

Jialin Xu, Zhang Zhang, Sixing Liu, Junjie Xiao, Xian Wang, Di Lin, Jie Jiao, and Haosu Luo  
Shanghai Institute of Ceramics, Chinese Academy of Sciences, China

O-5 Unusual piezoelectric properties caused by AC poling using square wave for  $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$  single crystals transducer

Yiqin Sun, Tomoaki Karaki, John Yamashita, and Tadashi Fujii  
Toyama Prefectural University, Japan

## Third Best Oral Presentation Award winners:

O-2 Unravel the mystery of a.c. poling on relaxor- $\text{PbTiO}_3$  crystals

Chaorui Qiu, Bo Wang, Nan Zhang, Shujun Zhang, Jinfeng Liu, T. R. Shrout, Long-Qing Chen, Zhuo Xu, and Fei Li  
Xi'an Jiaotong University, China

O-16 Solvothermal reaction and piezoelectric response of oriented  $\text{KNbO}_3$  polycrystal

Dandan Yang, Yan Wang, Lijie Li, Minggang Yao, Wenxiong Zhang, Hongxi Gu, Sheng Zhang, Mingjin Fan, Galhenage Asha Sewvandi, and Dengwei Hu  
Baoji University of Arts and Sciences, China

O-4 The influence of oxygen vacancies on piezoelectricity in samarium-doped  $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$  ceramics

Yang Li, Marcell Borbely, and Andrew Bell  
University of Leeds, U.K.

**Best Short Presentation Award winners:**

SP-15 Piezo- and pyroelectric energy harvesting for chemical applications

Yan Zhang, James Roscow, Hamideh Khanbareh, Pham Thi Thuy Phuong, Steve Dunn, Dou Zhang, Kechao Zhou, and Chris Bowen  
Central South University, China

SP-2 Effect of AC and DC poling on aging rate of  $(1-x)\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-x\text{PbTiO}_3$  single crystal

Zhuangkai Wang, Yiqin Sun, Tomoaki Karaki, John Yamashita, and Tadashi Fujii  
Toyama Prefectural University, Japan

SP-1 Achieving high piezoelectric performances with enhanced domain-wall contributions in  $\langle 001 \rangle$ -textured Sm-modified PMN-29PT ceramics

Kun Zheng, Yi Quan, Jian Zhuang, Jinyan Zhao, Wei Ren, Lingyan Wang, Zhe Wang, Gang Niu, Chunlong Fei, Zhishui Jiang, and Li Wen  
Xi'an Jiaotong University, China

SP-14 Ferroelectric  $\text{SrTiO}_3/\text{CaTiO}_3$  nanocomposite via topochemical mesocrystal conversion

Lei Miao, Fang Kang, Zhen Zhang, and Dengwei Hu  
Baoji University of Arts and Sciences, China



Takaaki Tsurumi

President of the Dielectric Society of Japan

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