

Fri. Sep 25, 2026

Oral Session (Material) | Material

9:50 AM - 11:00 AM JST | 12:50 AM - 2:00 AM UTC

Oral Session Room 2 (Small Hall)

[Session 6] Thin film 2

◆ Invited Talk

9:50 AM - 10:10 AM JST | 12:50 AM - 1:10 AM UTC

[3R201] Novel candidate of fluorite-based piezoelectric films

Hiroshi Funakubo¹, Yukari Inoue², Hiroyuki Ono², Kazuki Okamoto¹ (1. Institute of Science Tokyo, 2. TDK Corporation)

◆ Invited Talk

10:10 AM - 10:30 AM JST | 1:10 AM - 1:30 AM UTC

[3R202] Polarization inverted epitaxial piezoelectric films and their applications

Takahiko Yanagitani¹ (1. Waseda University)

10:30 AM - 10:45 AM JST | 1:30 AM - 1:45 AM UTC

[3R203] Microscopic origin of ferroelectricity in Zn(Ce,Mn)O thin films: XAFS and first-principles study

SangHyo Kweon¹, Kazuhiro Nakamura¹, Isaku Kanno¹ (1. Kobe University)

10:45 AM - 11:00 AM JST | 1:45 AM - 2:00 AM UTC

[3R204] Control of Domain Wall Conditions under DC Bias Application on Q_m of Epitaxial KNN Film

Cocono Mita^{1,2}, Takahiko Yanagitani^{1,2} (1. Waseda University, 2. ZAIKEN)

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11:10 AM - 12:30 PM JST | 2:10 AM - 3:30 AM UTC

Oral Session Room 2 (Small Hall)

[Session 7] Lead-free 2

◆ Invited Talk

11:10 AM - 11:30 AM JST | 2:10 AM - 2:30 AM UTC

[3R205] KNN-based Pb-free piezoelectrics: from bulk materials to thin films

Jing-Feng Li¹ (1. Tsinghua University)

11:30 AM - 11:45 AM JST | 2:30 AM - 2:45 AM UTC

[3R206] Giant Grain Growth Strategy for Achieving Superior Piezoelectric Properties in Lead-Free (K,Na)NbO₃-Based Ceramics

Byeong-Jae Min¹, Geun-Soo Lee¹, Boo-Hyun Choi¹, Ye-Rok Choi¹, Seo-Hyun Choi¹, Ju-Hee Kim¹, Yeongseo Yoon¹, Hyunseok Song¹, Sahn Nahm¹, Hyun-Cheol Song¹ (1. Korea University)

11:45 AM - 12:00 PM JST | 2:45 AM - 3:00 AM UTC

[3R207] Structural and dielectric properties of B₂O₃-added Li₂O-Nb₂O₅-TiO₂ ceramics

BOOHYUN CHOI¹, Hyun-Ju Choi¹, Geun-Soo Lee¹, Sahn Nahm¹ (1. Korea University)

12:00 PM - 12:15 PM JST | 3:00 AM - 3:15 AM UTC

[3R208] Dielectric characteristics of (1-x)K_{0.9}Na_{0.1}NbO₃-xSrZrO₃ multilayer ceramic capacitors sintered under various atmospheres

Hyun-Ju Choi¹, Boo-Hyun Choi¹, Geun-Soo Lee¹, Sahn Nahm¹ (1. Korea University)

12:15 PM - 12:30 PM JST | 3:15 AM - 3:30 AM UTC

[3R209] Nonlinear modeling of soft-type piezoelectric ceramics via the introduction of nonlinear cross-terms

Naruhiro Iwama¹, Tatsuki Sasamura^{2,1}, Ryuichi Arakawa³, Asuka Tsujii³, Takashi Kasashima³, Wei Qiu², Takeshi Morita¹ (1. The Univ. of Tokyo, 2. Lund Univ., 3. Niterra Co., Ltd.)

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