



IUMRS-ICEM 2018

AUGUST 19(SUN.) - 24(FRI.), 2018 / DAEJEON, KOREA

Session Title	Energy Related Materials and Phenomena	Session Code	Tu-B2
Date and Time	2018-08-21 / 13:30 - 15:30		
Place	Room B		
Session Chair	TBA		

Tu-B2-1

13:30 - 14:00

[Keynote] Giant Thermopower at High Temperatures in SrTiO₃/Ca₃Co₄O₇ Heterostructures

Hanns-Ulrich Habermeier^{1,2}

¹Max-Planck-Inst. for Solid State Research, Germany, ²Sci. Consulting Int'l., Germany

Tu-B2-2

14:00 - 14:30

[Invited] Oxygen Surface Exchange Properties of (La_{0.6}Sr_{0.4})(Co_{0.2}Fe_{0.8})O_{3-d} Thin Film Cathodes: Microstructure and Thickness Dependence

Katherine Develos Bagarinao¹, Jeffrey De Vero¹, Shu-Sheng Liu¹, Haruo Kishimoto¹, Tomohiro Ishiyama¹, Katsuhiko Yamaji¹, Teruhisa Horita¹, and Harumi Yokokawa^{1,2}

¹AIST, Japan, ²The Univ. of Tokyo, Japan

Tu-B2-3

14:30 - 15:00

[Invited] Tuning of the Internal Stress in Magnetostrictive Thin Films and an Evaluation of Its Adhesion Applying Hydrogen Loading Treatment

Helmut Takahiro Uchida, Masatoshi Inoue, Kengo Yamaguchi, Yoshihito Tsukagoshi, and Yoshihito Matsumura

Tokai Univ., Japan

Tu-B2-4

15:00 - 15:30

[Invited] Vibrational Energy Harvesting based on Flexible Polymers

Takashi Nakajima, Yoichiro Hashizume, and Soichiro Okamura

Tokyo Univ. of Sci., Japan