

ICPMAT2012 Poster Session

- 01 **Akihiro Maeda**, University of Toyama, Toyama, Japan
“HRTEM observation of alpha-phase in Sn added 60/40 Cu-Zn alloy”
- 02 **Astrid Marie Flattum Muggerud**, NTNU, Trondheim, Norway
“Strengthening mechanisms in 3xxx aluminium alloys during annealing at low temperatures”
- 03 **Atsushi Saiki**, University of Toyama, Toyama, Japan
“Deposition of CeO₂/Al thin films by differential pumping co-sputtering system”
- 04 **Xiaoling Qin**, Shanghai University, Shanghai, China
“First principle study on the role of 4f-electron for spin reorientation transition of NdFeO₃”
- 05 **Daisuke Akita**, University of Toyama, Toyama, Japan
“Thermal analysis of a solid phase reaction in Li₂CO₃-FePO₄/C mixture”
- 06 **Hiroki Nakagawa**, University of Toyama, Toyama, Japan
“TaN thin films deposited by low vacuum reactive sputtering”
- 07 **Kristin Høydalsvik**, NTNU, Trondheim, Norway
“*In situ* investigations of Fischer-Tropsch synthesis using small-angle X-ray scattering”
- 08 **Mitsuaki Furui**, University of Toyama, Toyama, Japan
“Effect of calcium content on electrochemical property of Mg-9%Al alloy immersed in Na₂SO₄ solution”
- 09 **Sigurd Wenner**, NTNU, Trondheim, Norway
“Muon spin relaxation and positron annihilation spectroscopy studies of solute clustering in Al-Mg-Si alloys”
- 10 **Taiki Tsuchiya**, University of Toyama, Toyama, Japan
“Effect of Mn contents on age-hardening behaviour and microstructure in AM60 magnesium alloys”
- 11 **Takahiro Namiki**, University of Toyama, Toyama, Japan
“Electronic properties of SmTi₂Al₂₀”
- 12 **Xingyu Wang**, Shanghai University, Shanghai, China
“Magnetization reversal in Y_{1-x}Pr_xCrO₃ perovskite”
- 13 **Takashi Hashizume**, University of Toyama, Toyama, Japan
“Perovskite type potassium tantalate direct synthesized by mild hydrothermal method”
- 14 **Takeshi Saito**, NTNU, Trondheim, Norway
“Influence of low Cu amounts in combination with pre-deformation on the precipitate structures in Al-Mg-Si alloys”
- 15 **Yoshihisa Oe**, University of Toyama, Toyama, Japan
“Effect of Cu/Ag addition on two-step aging Al-Mg-Si alloy”
- 16 **Zhijiu Xing**, Shanghai University, Shanghai, China
“Influence of nonmagnetic layer on tunneling magnetoresistance in manganite ferromagnetic multilayers”
- 17 **Kazimierz Przybylski**, AGH University of Science and Technology, Krakow, Poland
“Corrosion effects of CO₂ and H₂O on the chemical stability of BaCe_{0.85}Y_{0.15}O_{3-δ} + Ce_{0.85}Y_{0.15}O_{2-δ} electrolyte composite bulk samples for use in PCFC-SOFC fuel cell”
- 18 **Kazimierz Przybylski**, AGH University of Science and Technology, Krakow, Poland
“Mn-Co spinel protective conductive coating on ferritic stainless steel for SOFC interconnect applications”