## Program of The 118th Conference of Japan Institute of Light Metals (May. 22-23, 2010, Osaka)

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2. Assessment of bendability of aluminum alloy sheets by means of resistivity measurement
<ul> <li>K.Masuda , G.Itoh , N.Itoh</li> <li>Influence of punch radius in V-bending of thick sheet 5083</li> <li>KHAMT NARANBAATAR , M.Murata , T.Kuboki , Jin Yingjun , T.Shibata</li> <li>Grain refinement behaviors of A1070 and A6063 in torsion extrusion</li> </ul>
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8. Effect of cutting width on new shearing method of 1050 aluminum sheet
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11. Crystallographic orientation relationship between discontinuous precipitation and the matrix in AZ91Mg Alloys 
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21. Refinement of Al-Fe-Si by ultrasonic treatment of aluminum alloys K.Oda , Y.Ishiwata , S.Komarov
22. Investigation of heat generation and transfer in acoustic cavitation induced in molten aluminum S.Komarov, Y.Ishiwata, K.Oda
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28. Nanostructural changes in Mg-6Al-3Ca alloys by Mn addition T.Homma, S.Nakawaki, S.Kamado

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36. Microstructure and mechanical properties of biomedical Ti-Fe alloys
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$38.$ Prediction of formation of $\alpha$ " and athermal $\omega$ phases in ternary Ti alloys
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<ul> <li>40. Microstructures and fatigue properties of Ti-29Nb-13Ta-4.6Zr rods subjected to thermo-mechanical treatments</li> <li>M.Nakai , M.Niinomi , T.Akahori , H.Tsutsumi , K.Narita , K.Oribe</li> <li>41. Relationship between surface potential difference and corrosion phenomenon at interface of dissimilar material in magnesium alloy</li> <li>R.Takei , H.Imai , J.Umeda , K.Kondoh</li> </ul>
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62. Effect of tool shape on protrusion formation characteristic of AZ61 magnesium alloy by friction welding 
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64. Strength evaluation of magnesium alloy sheet jointed by SPR and effects of in-situ heating on shear strength N.Aoyagi , T.Karasawa , Y.Tsutsumi , K.Sasaki , Y.Miyashita , H.Wan
65. Magnesium cutting principles M.Ogawa
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80. The effect of the transition element addition on surface recrystakkization in Al-Zn-Mg-Cu system alloy 
81. Texture evolution during high temperature deformation of 5052 and 5182 aluminum alloys H.M.Jeong, K.Okayasu, H.Fukutomi
82. Strain induced boundary migration of aluminum bicrystals having Cube/S and Cube/C orientations K.Kashihara, Y.Takeuchi, T.Shibayanagi
83. Influence of particle stimulated nucleation (PSN) on decrease in orientation density of Cube texture of an Al-Mg-Si alloy H.Takeda, A.Hibino, K.Takata
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85. Improvement of defect on the twin roll casting of 5182 alloy Y.Shiotsu, T.Haga, S.Kumai, K.Komeda
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