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Activities.

Helped to establish cooperation between UoT and NTNU, SINTEF Industry, including student exchange and visiting staff.

Helped to establish collaboration between NTNU, SINTEF Industry and Norwegian industry with Japanese industry, including student internships.

Helped to establish transmission electron microscopy techniques and knowledge about aluminium alloys at the UoT.

Co-authored Papers:

K. Matsuda, J. Nakamura, T. Kawabata, S. Ikeno, T. Sato, C. D. Marioara, S. J. Andersen and R. Holmestad, *Effect of additional elements (Cu, Ag) on precipitation in 6xxx (Al-Mg-Si) alloys*, Materials Science Forum, <https://doi.org/10.4028/www.scientific.net/msf.706-709.357>, vols. 706-709, 2012, 357-360.

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S. Wenner, K. Nishimura, K. Matsuda, T. Matsuzaki, D. Tomono, F. L. Pratt, C. D. Marioara and R. Holmestad, *Clustering and Vacancy Behavior in High- and Low-Solute Al-Mg-Si Alloys*, Metallurgical and Materials Transactions A, DOI: 10.1007/s11661-014-2527-3, vol. 45A, 5777-5781, 2014.

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K. Matsuda, T. Yasumoto, A. Bendo, T. Tsuchiya, S. Lee, K. Nishimura, N. Nunomura, C. D. Marioara, A. Lervik, R. Holmestad, H. Toda, M. Yamaguchi, K. Ikeda, T. Homma and S. Ikeno, *Effect of Copper Addition on Precipitation Behavior near Grain Boundary in Al-Zn-Mg Alloy*, Materials Transactions, DOI: 10.2320/matertrans.L-M2019828, Vol. 60 Issue: 8, 1688-1696, 2019.

A. Bendo, T. Maeda, K. Matsuda, A. Lervik, R. Holmestad, C. D. Marioara, K. Nishimura, N. Nunomura, H. Toda, M. Yamaguchi, K. Ikeda, and T. Homma, *Characterisation of structural similarities of precipitates in Mg-Zn and Al-Zn-Mg alloys systems*, Philosophical Magazine, DOI: 10.1080/14786435.2019.1637032, Vol. 99 Issue: 21, 2619-2635, 2019.

S. Wenner, C. D. Marioara, K. Nishimura, K. Matsuda, S. Lee, T. Namiki, I. Watanabe, T. Matsuzaki and R. Holmestad, *Muon Spin Relaxation Study of Solute-Vacancy Interactions During Natural Aging of Al-Mg-Si-Cu Alloys*, Metallurgical and Materials Transaction A, DOI: 10.1007/s11661-019-05285-y, Vol. 50A Issue: 8, 3446-3451, 2019.

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