



Professor

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Background

- 2018- Professor, Office for Regional Collaboration and Innovation, Graduate School of Natural Science and Technology
- 2005-2018 Professor, Collaboration Center, Interdisciplinary Graduate School of Science and Engineering
- 1999-2005 Associate Professor, Cooperative Research Center
- 1997-1999 Research Associate, Faculty of Science & Engineering
- 1997 Ph.D. in Engineering, Osaka University
- 1993-1997 Yawata R&D Lab. R&D, Technical Research & Development Bureau, Nippon Steel Corp.
- 1984-1993 Advanced materials and technology research laboratories, Technical, R&D Bureau, Nippon Steel Corp.
- 1984 Master of Engineering, Graduate School of Engineering, Osaka University
- 1982 Bachelor of Engineering, Dept. of Metallurgy, Faculty of Engineering, Osaka University

Research

I worked at Nippon Steel Corp. as a researcher of Technical Research & Development Bureau from 1984 to 1999. I was in charge of the development of refining process of iron and steel especially mathematical modeling of refining process, and research project of exploring new refining processes such as plasma application and electro chemical method. At Shimane University, I have been in charge of Industry and Academia collaboration. I was starting up the Industry and Academia collaboration system of Shimane University, the promoting Industry and Academia collaboration such as cooperative research between a company and Shimane University. I'm interested in Management of Innovation, MOT, how to promote innovation, etc. regarding to Industry and Academia collaboration. I have been researching in this field. In this project, I will coordinate and support the cooperation of the companies and Shimane University.

Key papers

1. T. Kitamura, T. Fujiwara, K. Kawasaki, S. Takeshita, Geographical distribution of partners of cooperative research with Shimane University, J. of the Japan Society for Intellectual Production., Vol.12, No.1, pp.33-44, 2015 (in Japanese)
2. T. Kitamura, K. Miyamoto, K. Kato, Mathematical modeling for nitrogen desorption and decarburization reaction in vacuum degasser., ISIJ Int., Vol. 36, pp.395-401, 1996.
3. T. Kitamura, K. Shibata, K. Takeda, In-flight reduction of Fe_2O_3 , Cr_2O_3 , TiO_2 and Al_2O_3 by Ar- H_2 and Ar- CH_4 plasma., ISIJ Int., Vol. 33, pp.1150-1158, 1993.
4. S. Kitamura, T. Kitamura, Development of Analysis and Control Method for hot metal de-P process by computer simulation., ISIJ Int., Vol. 31, pp.1329-1335, 1991.