Academic Staffs

Dr. Shinya KITAMURA (Professor)
1978  Graduated from the Dept. of Material Science, Faculty of Eng. Tohoku Univ.
1991  Awarded Dr. of Engineering from Kyushu Univ.
2001  Transferred to Hikari R&D Lab. (General manager)
2003  Joined Nippon Steel & Sumikin Stainless Steel Corp. (Head of R&D center)
2005  Joined Tohoku Univ. Institute of Multi-disciplinary Research for Advanced Materials.
(Professor)
Academic Societies: The Iron and Steel Institute of Japan (ISIJ), The Japan Institute of Metals (JIM),
The mining and Materials Processing Institute of Japan (MMIJ), Association for Iron & Steel Technology (AIST)

Dr. Hiroyuki SHIBATA (Associate Professor)
1987  Graduated from the Dept. of Material Processing, Faculty of Eng. Tohoku Univ.
1993  Completed Doctoral Degree Program, Graduate School of Engineering, Tohoku Univ., and
awarded Doctoral Degree of Engineering (Tohoku University)
1993  Research Associate, Institute of Advanced Materials Processing, Tohoku University
2002  Visiting Researcher, Center for Iron and Steel Research, Carnegie Mellon University
2003  Promoted as a Lecturer, Tohoku University
2006  Promoted as a Associate Professor, Tohoku University
Academic Societies: The Iron and Steel Institute of Japan (ISIJ), The Japan Institute of Metals (JIM)

Dr. Nobuhiro MARUOKA (Assistant Professor)
2001  Graduated from Osaka Prefecture University (Dept. of Chemical Engineering)
2003  Completed Master’s Degree Program, Graduate School of Engineering, Osaka
Prefecture University
2006  Completed Doctoral Degree Program, Graduate School of Engineering, Hokkaido
University
2006  Awarded Doctoral Degree of Philosophy (Hokkaido University)
2006  Research Associate, Institute of Multidisciplinary Research for Advanced Materials,
Tohoku University
Academic Societies: The Iron and Steel Institute of Japan (ISIJ), The Society of Chemical
Engineers, Japan (SCEJ), The Japan Institute of Energy (JIE)
Dr. Farshid PAHLEVANI (Assistant Professor (Research))

2001 Graduated from Department of material and metallurgy Faculty of engineering, University of Tehran, Iran.

2003 Completed Master’s Degree Program, Graduate School of Engineering, University of Tehran, Iran.

2007 Completed Doctoral Degree Program, Graduate School of Engineering, Tohoku Univ., and awarded Doctoral Degree of Engineering (Tohoku University), Japan.

2007 Postdoctoral fellow, Graduate School of Engineering, Tohoku University.

2008 Assistant Professor (Research), Institute of Multidisciplinary Research for Advanced Materials, Tohoku University.

Academic Societies: The Iron and Steel Institute of Japan (ISIJ), Japan foundry society (JFS).

Students

Master course students

2nd year
- Mr. Keita Utagawa
- Mr. Koichiro Kimura
- Mr. Shinji Takeda
- Mr. Toshiaki Maeyama

1st year
- Mr. Shinpei Ono
- Mr. Akifumi Harada
- Mr. Tetsuro Hotta

Ms. Yuka Yokoyama
**Book**

**Hiroyuki SHIBATA**, Hiromichi OHTA, and Yoshio WASEDA

**Research Articles**

**Shin-ya Kitamura, Hiroyuki Shibata, Ken-ichi Shimauchi and Shin-ya Saito**
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**Shin-ya Kitamura, Hiroyuki Shibata, Nobuhiro Maruoka**
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Shin-ya Kitamura, Hiroyuki Shibata, and Nobuhiro Maruoka
Simulation Model of Dephosphorization by Liquid and Solid Coexisting Slag

Nobuhiro Maruoka, Felicia Lazuardi, Toshiaki Maeyama, Hiroshi Nogami, G.S.Gupta, Hiroyuki Shibata and Shin-ya Kitamura
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M.K.Mondal, G.S.Gupta, S.Kitamura and N.Maruoka
Fluid Dynamic Study of New Vacuum Degassing Process
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Hiroyuki SHIBATA, Yusuke WATANABE and Shin-ya KITAMURA
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Koichiro KIMURA, Hiroyuki SHIBATA, Tomoko TANAKA, Nobuhiro MARUOKA and Shin-ya KITAMURA
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Master Theses

Keita UTAGAWA
Transfer Rate of Impurities between Solid and Liquid Phase in Steelmaking Slag

Koichiro KIMURA
Composition Change of Non-metallic Inclusions by Heat Treatment in Solid Phase

Shinji TAKEDA
Transport properties of Zr-based bulk metallic glasses

Toshiaki MAEYAMA
Conditions of Emulsion Formation in Lead - Molten Salt System