

V. Achievements

Activity of the course students (underlined) during FY 2012-2013 are listed.

1. Awards

- **The Japan Institute of Metals and Materials The Metals Best Poster Award** (優秀ポスター賞)
H. Akamine, “The Effect of Magnetic Field on Variant Selection in Disorder-order Transformation in CoPt Alloy (CoPt 合金の不規則-規則変態におけるバリエーション選択則と微細組織に与える磁場効果)” The Japan Institute of Metals and Materials, 2012.9.18
- **The Japan Institute of Metals and Materials The Best Paper Award** (若手講演論文賞)
H. Akamine, “Electron Microscopy Study of Preferential Variant Selection in CoPt Alloy Ordered under a Magnetic Field” The Japan Institute of Metals and Materials, 2014.3.21
- **Interdisciplinary Graduate School of Engineering Science (IGSES) Award**
H. Akamine, Interdisciplinary Graduate School of Engineering Science, Kyushu University, 2014.3.25
- **Student award** (学生発表優秀賞)
T. Hanada, “Photocouduction Properties of Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared by Pulsed Laser Deposition (PLD 法により作製されたボロンドープ超ナノ微結晶ダイヤモンド/水素化アモルファスカーボン混相膜の光導電型による受光特性評価)” The 4th Semiconductor Material and Device Forum, 2012.11.23
- **Presentation Award**
Y. Masaki, “Study of Cr(VI) Bioremediation Using Acidophilic Fe(III) Reducing Bacterium (好酸性鉄還元細菌を利用した Cr(VI)のバイオレメディエーションに関する研究)” The Mining and Materials Processing Institute of Japan Kyushu Branch, 2012.5
- **Best Presentation**
Y. Masaki, “Fundamental Study on Cr(VI) Reduction by Acidophilic Fe(III)-Reducing Bacterium” International symposium on earth science and technology CINEST, 2013.12.4
- **Poster Award** (ポスター賞)
N. Hamada, “Heat Load Measurement of plasma-facing wall on QUEST (QUEST におけるプラズマ対向壁の熱負荷計測)” 2013, 52nd, school of plasma young summer (52 回プラズマ若手夏の学校), 2013.9.4
- **Mitsui Matsushima Award for Best Paper**
Sendy Dwiki, “Post Closure Water Quality Simulation of Mangkalapi Pit in Batulicin Coal Mine, South Kalimantan, Indonesia” CINEST (International Symposium on Earth Science and Technology) 2013, 2013.12.4

2. Research papers and proceedings

- H. Akamine, M. Itakura, M. Nishida, N. Katayama, K. Morimoto, “Microstructure Changes for HDDR-processed Nd-Fe-B Powders with Different Al and Nd contents” *Proceedings of the 22th International Workshop on Rare-Earth Permanent Magnets and their Applications*, **2012**, 303-306
- K. Morimoto, N. Katayama, H. Akamine, M. Itakura, “Coercivity Enhancement of Anisotropic Dy-Free Nd-Fe-B Powders by Conventional HDDR Process” *J. Mag. Mater.*, **2012**, 324, 3723-3726
- H. Akamine, S. Farjami, M. Mitsuhashi, M. Nishida, T. Fukuda, T. Kakeshita, “Electron Microscopy Study of Preferential Variant Selection in CoPt Alloy Ordered under a Magnetic Field” *Mater. Trans.*, **2013**, 54, 1715-1718
- H. Akamine, S. Farjami, M. Mitsuhashi, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “Electron Microscopy Study of Disorder-order Transformation under Magnetic Field in CoPt Alloy” *Proceedings of 15th CSS-EEST*, **2013**, 44-45
- S. Al-Riyami, M. Shaban, H. Gima, T. Yoshitake, “Effects of Hydrogen and Nitrogen Atmospheres on Growth of Ultrananocrystalline Diamond/Amorphous Carbon Composite Films by Reactive Pulsed Laser Deposition” *Japanese Journal of Applied Physics*, **2013**, 52, 06GG06
- H. Gima, S. Al-Riyami, T. Yoshitake, “Fabrication of n-type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared By Coaxial Arc Plasma Gun” *Proceedings of the 14th Cross Straits Symposium on Energy and Environmental Science and Technology*, **2013**, 199-200
- S. Al-Riyami, M. Shaban, H. Gima, T. Yoshitake, “Chemical Bonding of Nitrogenated Ultrananocrystalline Diamond Films Deposited on Titanium Substrates by Pulsed Laser Deposition” *ECS Journal of Solid State Science and Technology*, **2013**, 2, M33-M38
- H. Gima, T. Yoshitake, “Fabrication of n-Type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared By Coaxial Arc Plasma Gun(II)” *Proceedings of the 15th Cross Straits Symposium on Energy and Environmental Science and Technology*, **2013**, 48-49
- H. Gima, S. Al-Riyami, T. Yoshitake, “UV Detection of n-Type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films by Coaxial Arc Plasma Deposition” *Extended Abstract of 2013 International Conference on Solid State Devices and Materials*, **2013**, 290-291

- T. Hanada, S. Ohmagari, T. Yoshitake, “Photoconduction in Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films in Metal-Semiconductor-Metal Structure” *Proceedings of 14th CSS-EEST (14th Cross Straits Symposium on Energy and Environmental Science and Technology)*, **2013**, 201-202
- T. Hanada, S. Ohmagari, T. Yoshitake, “Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films for Metal-Semiconductor-Metal Photodetector” *Extended Abstracts of SSDM2013 (International Conference of Solid State Devices and Materials 2013)*, **2013**, 262-263
- T. Hanada, S. Ohmagari, T. Yoshitake, “Metal-Semiconductor-Metal Photodetection of Boron-Doped Ultrananocrystalline. Diamond/Hydrogenated Amorphous Carbon Composite Films” *Proceedings of 15th CSS-EEST (15th Cross Straits Symposium on Energy and Environmental Science and Technology)*, **2013**, 46-47
- S. Ohmagari, T. Hanada, Y. Katamune, S. Al-Riyami, T. Yoshitake, “Metal-Semiconductor-Metal Photodetection of Boron-Doped Ultrananocrystalline: Diamond/Hydrogenated Amorphous Carbon Composite Films” *Japanese Journal of Applied Physics*, **2014**, accepted
- T. Sato, A. Hagishima, N. Ikegaya, J. Tanimoto, “Particle Image Velocimetry Measurement of Unsteady Turbulent Flow around Regularly Arranged High-Rise Building Models” *International Journal of High-Rise Buildings*, **2013**, 2, 105-113
- N. Okibe, M. Koga, S. Morishita, M. Tanaka, S. Heguri, S. Asano, K. Sasaki, T. Hirajima, “Microbial Formation of Crystalline Scorodite for Treatment of As(III)-Bearing Copper Refinery Process Solution Using Acidithiobacillus Brierleyi” *Hydrometallurgy*, **2014**, 143, 34-41

3. Presentations

- H. Akamine, M. Itakura, M. Nishida, N. Katayama, K. Morimoto, “Microstructure Changes for HDDR-processed Nd-Fe-B Powders with Different Al and Nd Contents” The 22th International Workshop on Rare-Earth Permanent Magnets and their Applications, Nagasaki, 2012.9.2
- H. Akamine, Y. Tanaka, S. Farjami, M. Mitsuhashi, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “The Effect of Magnetic Field on Variant Selection in Disorder-order Transformation in CoPt Alloy (CoPt 合金の不規則-規則変態におけるバリエーション選択則と微細組織に与える磁場効果)” The Japan Institute of Metals and Materials, 2012 Fall Meeting, Matsuyama, 2012.9.17
- H. Akamine, Y. Tanaka, S. Farjami, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “TEM Observation of Preferential Variant Formation in CoPt Alloy Ordered Under Magnetic Field (磁場中で規則化処理した CoPt 合金における優先バリエーション成長過程の TEM 観察)” The Japan Institute of Metals and Materials, 2013 Spring Meeting, Tokyo, 2013.3.27

- H. Akamine, S. Farjami, M. Mitsuhara, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “TEM Study of Disorder-order Transformation under Magnetic Field in CoPt Alloy” IMPRES2013, Fukuoka, 2013.9.4
- H. Akamine, S. Farjami, H. Sakaguchi, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “An Approach Based on Phase Field Simulation and Microstructure Observation to Variant Selection in A1-L10 Transformation (フェーズフィールド法と組織観察に基づく A1-L10 相変態におけるバリエーション選択過程の考察)”, The Japan Institute of Metals and Materials, 2013 Fall Meeting, Kanazawa, 2013.9.17
- H. Akamine, Y. Tanaka, S. Farjami, M. Mitsuhara, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “Electron Microscopy Study of Magnetic Field-induced Variant Selection during Disorder-order Transformation in CoPt Alloy” Intermetallics 2013, Kloster Banz, Germany, 2013.10.1
- H. Akamine, S. Farjami, M. Mitsuhara, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “Electron Microscopy Study of Disorder-order Transformation under Magnetic Field in CoPt Alloy” 15th CSS-EEST, Shanghai, China, 2013.11.25
- H. Akamine, S. Farjami, M. Itakura, M. Nishida, T. Fukuda, T. Kakeshita, “SEM Observation of Microstructure Developments in A1-L10 Disorder-order Transformation in CoPt Alloy with Channeling Contrast (チャネリングコントラストを用いた CoPt 合金の A1-L10 不規則-規則変態における組織形成過程の SEM 観察)” The Japan Institute of Metals and Materials, 2014 Spring Meeting, Tokyo, 2014.3.22
- H. Gima, S. Al-Riyami, T. Yoshitake, “n-Type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared By Corexial Arc Plasma Deposition” 25th International Microprocesses and Nanotechnology Conference, Kobe, 2012.11.2
- H. Gima, S. Al-Riyami, T. Yoshitake, “Fabrication of Nitrogen Doping Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films By Coaxial Arc Plasma Deposition (同軸型アークプラズマガンによる窒素をドーピングした超ナノ微結晶ダイヤモンド/水素化アモルファスカーボン混相膜の創製)” 2012 JSAP Kyushu Chapter Annual Meeting, Saga, 2012.12.1
- H. Gima, S. Al-Riyami, T. Yoshitake, “Fabrication of n-Type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared By Coaxial Arc Plasma Gun” The 14th Cross Straits Symposium on Energy and Environmental Science and Technology, Fukuoka, 2013.2.18
- H. Gima, S. Al-Riyami, T. Yoshitake, “Nitrogen Incorporated Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared by Coaxial Arc Plasma Deposition” IMPRES2013, Fukuoka, 2013.9.4

- H. Gima, S. Al-Riyami, T. Yoshitake, “UV detection of Nitrogen-doped Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films by Coaxial Arc Plasma Deposition” 2013 JSAP-MRS Joint Symposia, Kyoto, 2013.9.17
- H. Gima, S. Al-Riyami, T. Yoshitake, “UV detection of n-type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films by Coaxial Arc Plasma Deposition” 2013 International Conference on Solid State Device and Materials, Fukuoka, 2013.9.26
- H. Gima, T. Yoshitake, “Fabrication of n-type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared by Coaxial Arc Plasma Deposition (同軸型アークプラズマ堆積法による n 型超ナノ微結晶ダイヤモンド/水素化アモルファスカーボン混相膜の創製)” The 5th Semiconductor Materials and Devices Forum, Kumamoto, 2013.11.16
- H. Gima, T. Yoshitake, “Fabrication of n-Type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared By Coaxial Arc Plasma Gun(II)” The 15th Cross Straits Symposium on Energy and Environmental Science and Technology, Shanghai, China, 2013.11.26
- T. Hanada, S. Ohmagari, T. Yoshitake, “Photocouduction properties of Ultrananocrystalline diamond/hydrogenated amorphous carbon composite films prepared by pulsed laser deposition (PLD 法により作製されたボロンドープ超ナノ微結晶ダイヤモンド/水素化アモルファスカーボン混相膜の光導電型による受光特性評価)” The 4th Semiconductor Material and Device Forum, Miyazaki, 2012.11.23
- T. Hanada, S. Ohmagari, T. Yoshitake, “Photoconduction in Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films in Metal-Semiconductor-Metal Structure” 14th CSS-EEST (14th Cross Straits Symposium on Energy and Environmental Science and Technology), Chikushi Campus, Kyushu University, 2013.2.19
- T. Hanada, S. Ohmagari, T. Yoshitake, “Photoconduction in Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Evaluated in Metal-Semiconductor-Metal Geometry” SBDD XVIII (Hasselt Diamond Workshop 2013), Hasselt, Belgium, 2013.2.27
- T. Hanada, S. Ohmagari, T. Yoshitake, “Photoconduction Studies of p-Type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared by Pulsed Laser Deposition” E-MRS (European Materials Research Society) 2013 Spring Meeting, Strasbourg, France, 2013.5.27
- T. Hanada, S. Ohmagari, T. Yoshitake, “Photoconduction Studies of p-Type Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films Prepared by Pulsed Laser Deposition” IMPRES2013 (International Symposium on Innovative Materials for Processes in Energy Systems 2013), Ito Campus, Kyushu University, 2013.9.4

- T. Hanada, S. Ohmagari, T. Yoshitake, “Photoconduction of Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films in Metal-Semiconductor-Metal Geometry” 2013 JSAP-MRS Joint Symposia (JSAP: Japan Society of Applied Physics - MRS: Materials Research Society), Kyoto, 2013.9.18
- T. Hanada, S. Ohmagari, T. Yoshitake, “Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films for Metal-Semiconductor-Metal Photodetector” SSDM2013 (International Conference of Solid State Devices and Materials 2013), Fukuoka, 2013.9.26
- T. Hanada, S. Ohmagari, T. Yoshitake, “Metal-Semiconductor-Metal Photodetection of Boron-doped Ultrananocrystalline: Diamond/Hydrogenated Amorphous Carbon Composite Films” 15th CSS-EEST (15th Cross Straits Symposium on Energy and Environmental Science and Technology), Shanghai, China, 2013.11.26
- T. Hanada, S. Ohmagari, T. Yoshitake, “Photocouduction of Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon Composite Films (超ナノ微結晶ダイヤモンド/水素化アモルファスカーボン混相膜の光導電効果)” 2013 JSAP Kyushu Chapter annual meeting, Nagasaki, 2013.11.30
- T. Sato, A. Hagishima, N. Iketani, J. Tanimoto, “Particle Image Velocimetry Measurement of Unsteady Turbulent Flow around Regularly Arranged High-Rise Building Models (高アスペクト比模型群周囲の非定常乱流場に関する PIV 計測)” Architectural Institute of Japan, Annual Meeting, Sapporo, 2013.9.1
- T. Sato, “PIV Measurement of Turbulent Flow over Urban Type Roughness Model” International symposium on innovative materials for processes in energy systems, Fukuoka, 2013.9.4
- Y. Masaki, N. Okibe, K. Sasaki, T. Hirajima, “Study of Cr(VI) Bioremediation Using Acidophilic Fe(III) Reducing Bacterium (好酸性鉄還元細菌を利用した Cr(VI)のバイオレメディエーションに関する研究)” The Mining and Materials Processing Institute of Japan, Kyushu Branch, 2012 Annual Meeting, Fukuoka, 2012.5
- Y. Masaki, N. Okibe, K. Sasaki, T. Hirajima, “Study of Cr(VI) Bioremediation Using a Acidophilic Fe(III) Reducing Bacterium (好酸性鉄還元細菌を利用した Cr(VI)のバイオレメディエーションに関する研究)” The Mining and Materials Processing Institute of Japan 2012 Autumn Meeting, Akita, 2012.9.12
- Y. Masaki, N. Okibe, K. Sasaki, T. Hirajima, “Study of Cr(VI) Bioremediation Using Acidophilic Fe(III) Reducing Bacterium (好酸性鉄還元細菌を利用した Cr(VI)のバイオレメディエーションに関する研究)” The Mining and Materials Processing Institute of Japan 2013 Spring Meeting, Narashino, Chiba, 2013.3.27

- Y. Masaki, N. Okibe, K. Sasaki, T. Hirajima, “The Study of Cr(VI)-Reduction by Using Acidiphilium Iron-Reducing Bacteria (好酸性鉄還元細菌によるCr(VI)還元に関する基礎的研究)” The Mining and Materials Processing Institute of Japan 2013 Autumn Meeting, Sapporo, 2013.9.4 [oral presentation]
- Y. Masaki, N. Okibe, K. Sasaki, T. Hirajima, “The Study of Cr(VI)-Reduction by Using Acidiphilium Iron-Reducing Bacteria (好酸性鉄還元細菌によるCr(VI)還元に関する基礎的研究)” The Mining and Materials Processing Institute of Japan 2013 Autumn Meeting, Sapporo, 2013.9.4 [poster presentation]
- Y. Masaki, N. Okibe, K. Sasaki, T. Hirajima, “Fundamental Study on Cr(VI) Reduction by Acidophilic Fe(III)-Reducing Bacterium” International symposium on earth science and technology CINEST, Fukuoka, 2013.12.4
- Y. Masaki, N. Okibe, K. Sasaki, T. Hirajima, “Analysis of Microbial Community Structure in Chinoike-Jigoku Hot Spring and Search for Useful Microorganisms Applicable to Resources Engineering (別府血の池地獄における微生物群集構造解析及び資源工学への応用へ向けた有用微生物の探索)” The Mining and Materials Processing Institute of Japan 2014 Spring Meeting, Tokyo, 2014.3.27
- S. Matsumoto, K. Hiroto, G. J. Kusuma, H. Shimada, T. Sasaoka, K. Matsui, “The Design of Dumping Site for AMD Prevention in Maamba Coal Mine in Zambia (ザンビア Maamba 炭鉱における AMD 抑制のためのダンプサイトの設計に関する検討)” The Mining and Materials Processing Institute of Japan 2012 Spring Meeting, Tokyo, 2012.3
- S. Matsumoto, K. Hiroto, T. Sasaoka, H. Shimada, K. Matsui, “Acid Mine Drainage Prevention in Zambian Coal Mines” The 10th International Conference on Mining, Songkhla, Thailand, 2012.5
- S. Matsumoto, H. Shimada, A. Hamanaka, T. Sasaoka, K. Matsui, G. J. Kusuma, “Study on Geo-chemical and Geotechnical Properties of Overburden Dumps for the Control of Acid Mine Drainage Generation” The Kick-off Seminar on ASEAN-Japan BUILD-UP Cooperative Education Program, Bangkok, Thailand, 2013.1
- S. Matsumoto, H. Shimada, A. Hamanaka, T. Sasaoka, K. Matsui, “Study on the Water Quality Prediction of Acid Mine Drainage from Many Different Perspectives” Mine Planning and Equipment Selection, 2013, Dresden, Germany, 2013.10
- S. Matsumoto, A. Hamanaka, H. Shimada, T. Sasaoka, K. Matsui, “Study on Occurrence of Acid Mine Drainage Inner Part of Dumping Site at KPC Coal Mine, Indonesia” ASEAN++2013 Moving Forward, ASEAN Forum on Clean Coal Technology, Chiang Mai, Thailand, 2013.11

- S. Matsumoto, A. Hamanaka, H. Shimada, T. Sasaoka, K. Matsui, Cuire, M. Ichinose, “Generation Mechanism of AMD and the Prevention in Open Pit Coal Mine in Indonesia (インドネシア露天掘り炭鉱における AMD の発生機構およびその抑制法に関する研究)” The Mining and Materials Processing Institute of Japan 2013 Spring Meeting, Narashino, Chiba, 2013.3
- S. Matsumoto, H. Shimada, “The Field School on Groundwater Investigation at Waterloo University, Canada (カナダ Waterloo 大学における地下水調査に関するフィールドスクール)” The Mining and Materials Processing Institute of Japan 2013 Autumn Meeting, Sapporo, 2013.9
- S. Matsumoto, A. Hamanaka, H. Shimada, T. Sasaoka, K. Matsui, Cuire, M. Ichinose, “Effect of Weathering of Waste Rock to Acid Mine Drainage Generation in Open-pit Coal Mine, Indonesia (インドネシア露天掘り炭鉱における廃石の風化が酸性鉱廃水の発生に与える影響)” The Mining and Materials Processing Institute of Japan 2014 Spring Meeting, Tokyo, 2014.3
- R. Takizawa, H. Akamine, M. Itakura, M. Nishida, N. Katayama, K. Morimoto, “Crystallographic orientation analysis of Nd-Fe-B magnet powders in the middle and final of HDDR process (HDDR 処理過程における Nd-Fe-B 系磁石粉末の結晶方位解析)” Annual Autumn Meeting 2013 of the Japan Institute of Metals and Materials, Kanazawa, 2013.9
- R. Takizawa, H. Akamine, M. Itakura, M. Nishida, N. Katayama, K. Morimoto, “Microstructure and Coercivity of Low-Speed-Dehydrogenated HDDR Nd-Fe-B Magnet Powders (低速脱水素を施した Nd-Fe-B 系 HDDR 磁石粉末の微細組織と保磁力)” Annual Spring Meeting 2014 of the Japan Institute of Metals and Materials, Tokyo, 2014.4
- K. Tanabe, Y. Chaen, K. Hamamoto, “Quasi-LP21 Mode Converter by Using Simple Step-Core Structure” Technical Committee on Extremely Advanced Optical Transmission Technologies (EXAT) 2013 Symposium, Sapporo, 2013.11.7
- K. Tanabe, Y. Chaen, R. Tanaka, K. Hamamoto, “Optical Mode Converter Using Multi-Mode Interference Structure” 15th Cross Straits Symposium on Energy and Environmental Science and Technology (CSS), 2013, Shanghai, China, 2013.11.25
- R. Yoneda, K. Kyoung, R. Hattori, “A Capacitive Sensing Circuit for Distinction of Users in the Capacitive Touch Panel (静電容量方式タッチパネルにおけるユーザ判別回路の検討)” 電子情報通信学会総合大会” IEICE General Conference 2014, Niigata, 2014.3.20
- N. Hamada, “Heat Load Measurement of Plasma-facing Wall on QUEST (QUEST におけるプラズマ対向壁の熱負荷計測)” 2013, 52nd, school of plasma young summer (52 回プラズマ若手夏の学校), Miura, Kanagawa, 2013.9.2-4

- N. Hamada, “Heat Load Measurement of plasma-facing wall in Non-Inductive Current Driven Plasma on QUEST (QUEST における高周波プラズマ放電時のプラズマ対向壁の熱負荷計測)” Plasma Science and Nuclear Fusion Research Kyushu-Okinawa, Yamaguchi Branch 17th Branch Meeting (プラズマ・核融合学会九州・沖縄・山口支部 第17回支部大会), Sasebo, Nagasaki, 2013.12.21-22
- M. Tanaka, M. Sawada, K. Sasaki, T. Hirajima, N. Okibe, “Biooxidation of Refractory Gold Ore Concentrate Using Moderately Thermophilic, Acidophilic Microorganisms” IICBE-International Conference on Biological, Civil and Environmental Engineering (BCEE-2014), Dubai, UAE, 2014.3.17
- M. Tanaka, M. Sawada, K. Sasaki, T. Hirajima, N. Okibe, “Biooxidation of Refractory Gold Ore Concentrate Using Moderately Thermophilic, Acidophilic Microorganisms (中度好熱・好酸性細菌を利用した難処理金鉱石のバイオオキシデーション)” The Mining and Materials Processing Institute of Japan, Tokyo, 2014.3.27
- Tarek M. Mostafa, S. Funasaki, M. Takahara, M. Shaban, T. Yoshitake, “Electrical Properties of Carbon Doped β -FeSi₂/Si Heterojunction Photodiodes” The 61st JSAP Spring Meeting 2014, Sagamihara, Kanagawa, 2014.3.17-20
- Ryan Imansyah, R. Takakura, M. Jizodo, A. Fujino, T. Tanaka, K. Hamamoto, “Optical Mode Switch Configuration For Four Modes” 2014 IEICE General Conference, Niigata, 2014.3.19
- Sendy Dwiki, R. S. Gautama, G. J. Kusuma, F. Koten, H. Shimada, “Post Closure Water Quality Simulation of Mangkalapi Pit in Batulicin Coal Mine, South Kalimantan, Indonesia” CINEST (International Symposium on Earth Science and Technology) 2013, Fukuoka, 2013.12.4
- Y. Narasaki, S. Kanegawa, S. Kang, O. Sato, “Synthesis and Magnetic Behavior of Photo-responsive Valence Tautomeric Complexes with Chiral Ligands (キラル配位子を利用した光応答性原子価互変性錯体の合成と磁気挙動)” Annual Meeting on Photochemistry 2013, Matsuyama, 2013.9.11
- Y. Narasaki, S. Kanegawa, S. Kang, O. Sato, “Synthetic Examination and Magnetic Behavior of Hetero-Dinuclear Complex with Chiral Ligands (光学活性なキラル配位子を用いた異核複核錯体の合成検討と磁気挙動)” The 63th Conference of Japan Society of Coordination Chemistry, Nishihara, Okinawa, 2013.11.3