



国際会議

1. K. Kondoh, B. Chen, J. Umeda: Nano-carbon Reinforced Metal Matrix Composites Fabricated by Powder Metallurgy Process, TMS2019, San Antonio, USA, (Mar.10-15, 2019).
2. J. Umeda, K. Kondoh, E. Nishida, H. Miyaji, B. Fugetsu: Tribological Property and Biocompatibility of Titanium Plate Coated with Carbon Nanotubes, 4th Osaka University-JWRI/NTU-MSE Workshop, Taipei, Taiwan, (Mar. 7, 2019).
3. S. Kariya, J. Umeda, K. Kondoh: Ductility improvement mechanism of pure titanium with oxygen solid solution after water quenching, 4th Osaka University-JWRI/NTU-MSE Workshop, Taipei, Taiwan, (Mar. 7, 2019).
4. A. Issariyapat, T. Song, J. Umeda, K. Kondoh: Comparison on microstructure and tensile properties of nitrogen strengthening in commercially pure titanium (CP-Ti), fabricated by conventional powder metallurgy (PM) and Additive Manufacturing (AM), 4th Osaka University-JWRI/NTU-MSE Workshop, Taipei, Taiwan, (Mar. 7, 2019).
5. T. Tanaka, S. Kariya, J. Shen, J. Umeda, K. Kondoh: Strengthening Mechanism of $\alpha+\beta$ Type Ti-Fe Alloy by Powder Metallurgy, ASMP2018, Bangkok, Thailand, (2018.12.7-8).
6. K. Kondoh: Novel titanium materials with atomic/nano-scale microstructures by powder metallurgy process, IWAMSN 2018, Ninh Binh, Vietnam, (2018.11.7-9), Invited.
7. K. Kondoh: Direct Bonding of Plastic Materials to Metals Using C=O/C-O Bonds, Shanghai Jiao Toning University and Osaka University Joint Workshop on Materials & Joining, Shanghai, China, (2018.10.20-21).
8. K. Kondoh: Estimation on Strengthening Behavior of Titanium Alloy by Materials Informatics, Shanghai Jiao Toning University and Osaka University Joint Workshop on Materials & Joining, Shanghai, China, (2018.10.20-21).
9. K. Kondoh: State-of-The-Art Titanium Alloys by Powder Metallurgy Process, MSAT-10, Bangkok, Thailand, (Sep.6-7, 2018), Plenary Lecture.
10. H. Kurita, K. Kondoh, J. Umeda, N. Yodoshi: Tensile fracture of TiB whisker reinforced Ti alloy matrix composites, Thermec2018, Paris, France, (July 9-13, 2018).
11. S. Kariya, J. Umeda, K. Kondoh: Ductility improvement mechanism of pure titanium with oxygen solid solution after water quenching, ISMANAM2018, Rome, Italy, (July 2-6, 2018).
12. K. Kondoh: State-of-the-art powder metallurgy light metals and their composites with atomic/nano-scale microstructures, ICMMP2018, Xi'an, China, (Jun.18-20, 2018), Keynote.
13. K. Kondoh: Solid-state Sintering of Al Alloy Powder and AlN Synthesis in Sintering, TMS2018, Phoenix, USA, (Mar.11-15, 2018), Keynote.
14. S. Kariya, M. Fukuo, J. Umeda, M. Yoshiya, K. Kondoh: Strengthening mechanism of α -Ti materials by synergy effect of substitutional and interstitial solid solution via powder metallurgy, JSPM International Conference on Powder and Powder Metallurgy, Kyoto, (Nov. 6-9, 2017).
15. M. Fukuo, S. Kariya, J. Umeda, K. Kondoh: Solid solution strengthening mechanisms of PM α -Ti materials with zirconium and oxygen atoms via thermal decomposition of ZrO₂ additives in sintering, JSPM International Conference on Powder and Powder Metallurgy, Kyoto, (Nov. 6-9, 2017).
16. A. Bahador, E. Hamzah, K. Kondoh, T. A. A. Bakar, F. Yusof, J. Umeda, S. Kariya: Ti-Nb and Ti-Ni Shape Memory Alloys Produced by Powder Technology: Microstructure, Mechanical and Superelastic Properties, JSPM International Conference on Powder and Powder Metallurgy, Kyoto, (Nov. 6-9, 2017).



17. K. Kondoh: State of the Art Titanium Alloys by Powder Metallurgy Process, 3rd International Conference on the Science and Engineering of Materials (ICoSEM2017), Kuala Lumpur, Malaysia, (Oct. 24-25, 2017), (Plenary lecture).
18. S. Kariya, M. Fukuo, J. Umeda, M. Yoshiya, K. Kondoh: Effect of Substitutional/Interstitial Solid Solution on Tensile Properties on Powder Metallurgy α -Ti Materials, 3rd International Conference on the Science and Engineering of Materials (ICoSEM2017), Kuala Lumpur, Malaysia, (Oct. 24-25, 2017).
19. K. Kondoh, B. Chen, J. Umeda, S. Moon, X. Yao, G. Bi: Hot pressing effect on microstructural and mechanical properties of SLM Al₁₀Si₁Mg alloy, Materials Science & Technology 2017 (MS&T17), Pittsburgh, USA, (Oct. 8-12, 2017).
20. K. Kondoh, R. Ikemasu, J. Umeda: Dissolution of Cr₂O₃ particles in Ti sintered material and strengthening behavior, Materials Science & Technology 2017 (MS&T17), Pittsburgh, USA, (Oct. 8-12, 2017).
21. K. Kondoh: Solid solution strengthened powder metallurgy Ti materials, PMTi2017, Xi'an, China, (Sep.8-10, 2017), (Keynote).
22. K. Kondoh: Atomic/nano-scale structured titanium materials with high strength and excellent ductility, Advances in Functional Materials 2017, Los Angeles, USA, (Aug. 14-17, 2017), (Invited Talking).
23. A. Bahador, E. Hamzah, K. Kondoh, Y. Kawahito, J. Umeda, T. Bakar, F. Yusof: Conduction and keyhole Laser welding of Ti-Ni shape-memory alloys produced by spark plasma sintering, ACMME 2017, Tokyo, (June 6.9-11, 2017)
24. J. Shen, B. Chen, X. Ye, H. Imai, J. Umeda, K. Kondoh: Advanced Mechanical Properties of Powder Metallurgy Titanium with a High Concentration of Oxygen and Nitrogen, 2017 MRS, Phoenix, USA, (Apr. 17-21, 2017).
25. J. Shen, B. Chen, X. Ye, H. Imai, J. Umeda, K. Kondoh: Investigation into the Deformation Twins in Pure Ti via In Situ and Ex Situ Microstructure Observation, 2017 MRS, Phoenix, USA, (Apr. 17-21, 2017).
26. K. Kondoh: PM Titanium Alloys with High Strength and Ductility by Using Ubiquitous Elements and Phase Transformation, APMA 2017, Hsinchu, Taiwan, (Apr. 9-11, 2017), (Plenary lecture).
27. K. Kondoh, J. Umeda, S. Kariya, M. Fukuo: State of The Art Materials Science in "Novel Light Metals", 10th Thailand-International Metallurgy Conference, Bangkok, Thailand, (Mar. 30-31, 2017), (Plenary lecture).
28. N. Vorapattanapaibul, K. Kondoh and A. Khantachawana: An Effect of Zirconia Addition on Strengthening Ability of Titanium Alloys Prepared by Powder Metallurgy, Eminent Association of Pioneers (EAP), Singapore, (Mar. 27-28, 2017).
29. K. Kondoh, T. Mimoto, J. Umeda, H. Imai: Titanium hydrides enhancing improvement of ductility of PM α -Ti material, TMS2017, San Diego, USA, (Feb. 26-Mar.3, 2017).
30. K. Kondoh, J. Umeda, H. Miyaji, E. Nishida, B. Fugetsu: Friction Behavior of Network-structured Carbon Nanotubes Coating on Pure Ti Plate, Materials Science & Technology 2016 (MS&T16), Salt Lake City, USA, (2016.10.23-27).
31. K. Kondoh, S. Kariya, R. Ikemasu, M. Fukuo, J. Umeda, H. Imai: Microstructural and Mechanical Properties of Near α -Titanium with Solid-Solution Elements by Powder Metallurgy Process, Visual-JW 2016, Osaka, (2016.10.17-18).
32. H. Miyaji, E. Nishida, J. Umeda, K. Kondoh, H. Takita, T. Iizuka, T. Akasaka, S. Tanaka, A. Kato, B. Fugetsu, T. Sugaya: Biomedical Assessment of Titanium coated with Carbon Nanotubes, Visual-JW 2016, Osaka, (2016.10.17-18), (Invited).



33. H. Imai, H. Yamabe, K. Kondoh, J. Umeda, A. Khantachawana: In-situ decomposition of silicon nitride particles in titanium composite and its mechanical properties, International Conference on Material Science and Engineering Technology 2016, Phuket, Thailand, (2016.10.14-16).
34. H. Imai, K. Kondoh, J. Umeda: Mechanical Properties of PM CNT-Dispersed Cu Composite, International Conference on Material Science and Engineering Technology 2016, Phuket, Thailand, (2016.10.14-16).
35. K. Kondoh, J. Umeda, H. Imai: Direct bonding of plastic materials to metals using C=O double bond and its bonding mechanism, 10th International Conference on Trends in Welding Research, Tokyo, 2016.10.11-14, (Invited).
36. Y. Yamabe, H. Imai, J. Umeda, K. Kondoh: Tribology property of α - pure titanium strengthened by nitrogen solid-solution, PRICM9, Kyoto, (2016.8.1-5).
37. K. Kondoh, T. Mimoto, J. Umeda: Cost-effective, high strength and ductility titanium materials by powder metallurgy process, AeroMat 2016, Washington, (2016.5. 23-25).
38. K. Kondoh, B. Chen, J. Umeda, H. Imai: Carbon nano-rods reinforced powder metallurgy aluminum composites, AeroMat 2016, Washington, (2016.5. 23-25).
39. P. Khemglad, J. Kajornchaiyakul, K. Kondoh, A. Khantachawana: Strengthening Effect of N-addition on Ti-Si-N Ternary Alloys Fabricated by Spark Plasma Sintering, 2016 International Conference on Sustainable Energy, Environment and Information Engineering (SEEIE 2016), Bangkok, Thailand, (Mar. 20-21, 2016).
40. K. Kondoh: Advanced TiNi-X Alloy via Powder Metallurgy Process, BIT's 2nd Annual World Congress of Smart Materials-2016, Singapore, (Mar. 4-6, 2016), (Invited Talk).
41. J. Umeda, B. Fugetsu, H. Miyaji, E. Nishida, K. Kondoh: Tribological Properties of Carbon Nanotubes Coated onto Pure Titanium Plate, BIT's 2nd Annual World Congress of Smart Materials-2016, Singapore, (Mar. 4-6, 2016).
42. K. Kondoh, B. Chen, H. Imai, J. Umeda: Effect of Initial State on Dispersion Evolution of Carbon Nanotubes in Aluminum Matrix Composites during High Energy Ball Milling Process, TMS2016, Nashville, USA, (Feb. 14-18, 2016), (Invited Talk).
43. K. Kondoh, T. Mimoto, Y. Yamabe, J. Umeda, H. Imai: Fundamental Properties of PM Ti Materials with Nitrogen Solid-solution and TiN Particle Dispersion, TMS2016, Nashville, USA, (Feb. 14-18, 2016).
44. T. Mimoto, J. Umeda, K. Kondoh: Strengthening Behavior and Mechanisms of Extruded Powder Metallurgy Ti Materials Reinforced with Ubiquitous Light Elements, TMS2016, Nashville, USA, (Feb. 14-18, 2016).
45. K. Kondoh: Direct bonding mechanism of metals with CFRPs using C=O double bonds, Workshop on Joining and Welding Technology, Singapore, (Dec. 10, 2015).
46. K. Kondoh: State-of-the-Art in Powder Metallurgy Materials with Atomic/Nano scale Microstructures, Global Advanced Materials and Surfaces 2016, Dubai, UAE, (Dec. 7-9, 2015), (Plenary Talk).
47. K. Kondoh : Osaka University: No.1 innovative university in Japan, Middle East-Japan International Symposium, Doha, Qatar, (Dec. 7, 2015).
48. K. Kondoh : Novel Processing of High-strength & High-ductility PM Pure Titanium with Light Elements, 3rd International Conference on Powder Metallurgy in Asia (AMPA2015), Kyoto, (Nov. 8- 10, 2015).
49. H. Imai, K. Kondoh, J. Umeda, A. Khantachawana: Wear Characteristics of P/M Ti Composite with High Hardness Obtained by In-situ Reaction between Titanium and Silicon Nitride Particles, 3rd International Conference on Powder Metallurgy in Asia (AMPA2015), Kyoto, (Nov. 8- 10, 2015).



50. B. Chen, K. Kondoh: Al₄C₃ Nano-rods Reinforced PM Aluminum Composites, 3rd International Conference on Powder Metallurgy in Asia (AMPA2015), Kyoto, (Nov. 8- 10, 2015).
51. W. Kiba, H. Imai, K. Kondoh, S. Imazato: Evaluation of the ion-releasing property of tailored Sr-Ca-containing inorganic cement, Academy of Dental Materials (ADM) 2015, Maui, USA, (Oct. 7- 10, 2015).
52. K. Kondoh, B. Chen, H. Imai, J. Umeda: Carbon Nano-material Enhancing Strength of Aluminum Matrix Composite, Materials Science & Technology 2015 (MS&T15), Columbus, USA, (Oct. 3-9, 2015).
53. H. Imai, K. Kondoh; J. Umeda: High Temperature Mechanical Properties of P/M Cu/CNT Composite, MS&T2015, Columbus, USA, (Oct. 3-9, 2015).
54. H. Imai, K. Kondoh, T. Izawa, J. Umeda: Interfacial Structure Analysis on Direct Bonding Material of Metals with CFRP, MS&T2015, Columbus, USA, (Oct. 3-9, 2015).
55. S. Kariya, J. Umeda, H. Imai, K. Kondoh, H. Unosawa, Manuel Marya: Effect of Fe and SiC Particle Addition on Mechanical Property and Corrosion Behavior of Powder Metallurgy Mg Alloy Composite, MS&T2015, Columbus, USA, (Oct. 3-9, 2015).
56. M. Onishi, H. Imai, L. Jia, J. Umeda, K. Kondoh: In-situ Formed AlN Nano-particles Reinforced P/M Al composites, MS&T2015, Columbus, USA, (Oct. 3-9, 2015).
57. K. Kondoh: State of The Art PM Ti Materials with Ubiquitous Light Elements, PM Titanium 2015, Lüneburg, Germany, (Aug. 31- Sep. 3, 2015), (Invited Talking).
58. T. Mimoto, J. Umeda, K. Kondoh: Mechanical Performance and Microstructure of Extruded Pure Ti Based Materials Reinforced with Nitrogen and Hydrogen via Powder Metallurgy Route, Ti-2015: The 13th World Conference on Titanium, San Diego, USA, (Aug. 16-20, 2015).
59. H. Imai, K. Chen, K. Kondoh, H. Tsai, J. Umeda: Effect of Cr Behavior on Mechanical and Electrical Properties of P/M Cu-Cr Alloy Dispersed With VGCF, 17th International Conference on Materials Science, Engineering and Manufacturing (ICMSEM 2015), 116-119, Singapore, (July 4-5, 2015).
60. K. Kondoh: State-of-the-Art in Metal Matrix Composites Reinforced with Carbon Nanotubes by Powder Metallurgy Process, Nanotech France 2015, Paris, France, (June 15-17, 2015), (Plenary Talk).
61. H. Imai, K. Kondoh, J. Umeda, T. Izawa: Direct bonding mechanism of metals with CFRP, The 6th International Symposium on Advanced Materials Development and Integration of Novel Structured Metallic and Inorganic Materials (AMDI-6), 82, Tokyo, (June 9, 2015).
62. K. Kondoh, B. Chen, L. Jia, J. Umeda, H. Imai: PM aluminum composite reinforced with Al₄C₃ nano-rods, TMS 2015, Orland, USA, (Mar. 15-19, 2015), (Invited Talking).
63. K. Kondoh, M. Onishi, L. Jia, J. Umeda, H. Imai : In-situ formed AlN dispersed aluminum composite via powder metallurgy route, TMS 2015, Orland, USA, (Mar. 15-19, 2015), (Invited Talking).
64. K. Kondoh, L. Jia, T. Mimoto, J. Umeda, H. Imai: A small solute oxygen and silicon elements enhancing strength and ductility of pure titanium matrix composite, TMS 2015, Orland, USA, (Mar. 15-19, 2015).
65. T. Mimoto, J. Umeda, K. Kondoh: Strengthening Behavior and Mechanisms of Extruded Powder Metallurgy Pure Ti Materials Reinforced with Ubiquitous Light Elements, TMS 2015, Orland, USA, (Mar. 15-19, 2015).
66. B. Chen, L. Jia, H. Imai, K. Kondoh: Crack Formation in Powder Metallurgy CNT/Al Composites during Post Heat Treatment, TMS 2015, Orland, USA, (Mar. 15-19, 2015).
67. F. Staub, K. Kondoh, J. Umeda, H. Imai: Comparing Strengthening Mechanisms of Vapor Grown Carbon Fiber vs. Titanium Carbide Reinforced PM Titanium, TMS 2015, Orland, USA, (Mar. 15-19, 2015).



68. T. Jones, K. Kondoh: Ballistic Characterization of the Scalability of AMX602, TMS 2015, Orland, USA, (Mar. 15-19, 2015).
69. E. Nishida, H. Miyaji, J. Umeda, K. Kondoh, H. Takita, B. Fugetsu, S. Tanaka, A. Kato, T. Akasaka, M. Kawanami : Biocompatibility of CNT-Ti composite surface with different nanomorphologies, The International Association for Dental Research(IADR), Boston, USA, (Mar. 11-14, 2015).
70. K. Kondoh, T. Mimoto, J. Umeda, H. Imai, L. Jia: State- of-Art of Powder Metallurgy Titanium, 2ndJWRI-MSE Workshop on Materials Design and Joining 2015, Taipei, Taiwan, (Jan. 7-8, 2015).
71. H. Miyaji, E. Nishida, J. Umeda, K. Kondoh, H. Takita, B. Fugetsu, S. Tanaka, A. Kato, T. Akasaka, M. Kawanami: Bioactive titanium surface using carbon nanotube net film, Visual-JW 2014, 2, 11-12, Osaka, (Nov. 26-28, 2014).
72. P. Pripanapong, M. Takahashi, J. Umeda, K. Kondoh: Direct Bonding Behavior of Pure Ti with Cast AZ31B and Extruded AZ31B Alloys by Spark Plasma Sintering, Visual-JW 2014, 1, 295-296, Osaka, (Nov. 26-28, 2014).
73. H. Imai, T. Izawa, K. Kondoh, J. Umeda: Direct bonding mechanism of metals with CFRP, The 5th International Symposium on Advanced Materials Development and Integration of Novel Structured Metallic and Inorganic Materials (AMDI-5) Conjunction with 6th IBB Frontier Symposium, 89, Tokyo, (Nov. 19, 2014).
74. K. Kondoh: Academic Collaboration Networking for Globalization in Asia, International Symposium of Globalization in Joining Technology and Materials Science - Collaboration Networking in Asia -, Bangkok, Thailand, (Nov. 5, 2014).
75. K. Kondoh, T. Yonezawa, H. Imai, J. Umeda, R. Souba: Microstructure and Mechanical Property of Shape Memory Alloy TiNi with Transition Metals by Powder Metallurgy, Materials Science & Technology 2014 (MS&T14), Pittsburg, USA, (Oct. 12-16, 2014).
76. H. Imai, K. Kondoh: Effect of Alloying Elements on Mechanical Properties and Electrical Conductivity of P/M Copper Alloys Dispersed with Vapor-grown Carbon Fiber, Materials Science & Technology 2014 (MS&T14), Pittsburg, USA, (Oct. 12-16, 2014).
77. T. Mimoto, J. Umeda, K. Kondoh: Microstructures and Mechanical Properties of Extruded Powder Metallurgy Pure Ti Materials by Gas-Solid Reaction Process, Materials Science & Technology 2014 (MS&T14), Pittsburg, USA, (Oct. 12-16, 2014).
78. H. Imai, K. Kondoh: Dependence of carbon structure on machinability of P/M high strength brass composite with graphite particle, ICM&P2014, Detroit, USA, (June 9-13, 2014).
79. B. Chen, L. Jia, S. Li, H. Imai, M. Takahashi, K. Kondoh: Electrical/Thermal and Mechanical Properties of Powder Metallurgy Al Matrix Composites Reinforced by Carbon Nanotube, ICM&P2014, Detroit, USA, (June 9-13, 2014).
80. J. Umeda, K. Kondoh: Tribological Behavior of Un-bundled Multi-walled Carbon Nanotubes Coated on Pure Titanium Plate and Microstructure Analysis on Their Interface, International Symposium on Ecotopia Science 2013 (ISETS '13), 1019, Nagoya, (Dec. 13-15, 2013).
81. H. Imai, H. Atsumi, S. Li, K. Kondoh: Characteristics of lead-free machinable brass of powder metallurgy Cu-40 mass% Zn /1.0 mass% Mg with graphite particles, 2013 2nd International Symposium on Quantum, Nano and Micro Technologies(ISQNM 2013) ,Singapore, (Dec. 1-2, 2013).



82. K. Kondoh, S. Li, S. Bin, T. Mimoto, H. Imai, J. Umeda: Pure Titanium with High Strength and Excellent Ductility by Solid Solute Oxygen Strengthening via Powder Metallurgy Route, Materials Science & Technology 2013 (MS&T13), 3004-3008, Montreal, Canada, (Oct. 27-31, 2013).
83. H. Imai, K. Kondoh, S. Li, J. Umeda: Effect of Titanium Addition on Mechanical and Electrical Properties of P/M Copper-Titanium Alloy Dispersed with Vapor-grown Carbon Fiber, Materials Science & Technology 2013 (MS&T13), 1745-1750, Montreal, Canada, (Oct. 27-31, 2013).
84. S. Li, K. Kondoh, B. Sun, H. Imai, J. Umeda: Investigation of Powder Metallurgy Titanium Matrix Composites by Planetary Ball-milling of Ti Powder Dispersed with Vapour Grown Carbon Nanofibers, Materials Science & Technology 2013 (MS&T13), 3009-3016, Montreal, Canada, (Oct. 27-31, 2013).
85. K. Kondoh, T. Mimoto, S. Li, H. Imai, J. Umeda: Experimental and Theoretical Analysis of Oxygen Solid Solution Strengthening Behavior of P/M Pure Ti Material, TMS 2013, San Antonio, USA, (Mar. 3-7, 2013), (Invited Talking).
86. T. Mimoto, K. Kondoh, J. Umeda: Phase Transformation and Orientation in Direct Consolidation of TiH₂ Powder and Their Effects on Tensile Behavior of P/M Extruded Ti Material, TMS 2013, San Antonio, USA, (Mar. 3-7, 2013).
87. T. Yonezawa, T. Yoshimura, J. Umeda, K. Kondoh, R. Souba: Microstructural and Mechanical Properties of Sintered and Extruded TiNi Alloys by Using TiNi Pre-Alloyed Powder with TiO₂ Particles, TMS 2013, San Antonio, USA, (Mar. 3-7, 2013).
88. Y. Yang, K. Kondoh, M. Qian: Fabrication of High Performance Commercial Titanium Alloys by Spark Plasma Sintering, TMS 2013, San Antonio, USA, (Mar. 3-7, 2013).
89. Y. Yang, K. Kondoh, M. Qian: Sensitivity of the Tensile Ductility of Powder Metallurgy α , $\alpha+\beta$ and Nearly β Ti Alloys to Oxygen, TMS 2013, San Antonio, USA, (Mar. 3-7, 2013).
90. K. Kondoh, K. Funatsu, J. Umeda, H. Imai: Potential difference at interface between second phases and metal matrix measured by SKPFM, The 5th International Symposium on Designing, Processing and Properties of Advanced Engineering Materials (ISAEM-2012), 205, Toyohashi, (Nov.5-8, 2012).
91. K. Kondoh, T. Threrujirapapong, S. Li, B. Sun, H. Imai, J. Umeda, B. Fugetsu: Carbon Nanotubes Reinforced Titanium Powder Composite Materials, 2012 Powder Metallurgy World Congress & Exhibition (PM2012), 77, Yokohama, (Oct.14-18, 2012).
92. K. Kondoh, T. Mimoto, N. Nakanishi, J. Umeda, T. Jones: The Next-Generation Development of a Superior Grade Titanium Ti-6Al-4V Alloy via Oxygen Solid Solution Strengthening for Aerospace & Defense Applications, Titanium 2012, 124, Atlanta, USA, (Oct.7-10, 2012).
93. H. Imai, K. Kondoh, A. Kojima, S. Li, Y. Kosaka: Microstructure and Mechanical Property of Cu-40%Zn-0.5%Cr Alloy by Powder Metallurgy, Materials Science & Technology 2012 (MS&T12), 811-817, Pittsburgh, USA, (Oct. 7-11, 2012).
94. H. Imai, K. Kondoh, S. Li, J. Umeda: Mechanical and Electrical Properties of P/M Copper-Titanium Alloy Dispersed with Carbon Nanotubes, Materials Science & Technology 2012 (MS&T12), 818-825, Pittsburgh, USA, (Oct. 7-11, 2012).
95. E. Nishida, H. Miyaji, J. Umeda, K. Kondoh, B. Fugetsu, S. Tanaka, A. Kato, I. Kanayama, M. Kawanami : Preparation and biological evaluation of titanium coated with CNT-net, The 98th Annual Meeting of American



- Academy of Periodontology in collaboration with the Japanese Society of Periodontology, 3, Los Angeles, USA, (Sep. 30- Oct. 2, 2012).
96. K. Kondoh, J. Umeda, B. Fugetsu: Tribological Property of Un-bundled Carbon Nanotubes Coated Titanium Plate, MSE2012, Darmstadt, Germany, (Sep.25-27, 2012).
 97. S. Li, B. Sun, T. Mimoto, H. Imai, J. Umeda, K. Kondoh: Mechanical Properties of Ti-0.1wt% VGCF Composite with TiO₂ Reinforcement via Powder Metallurgy Process and Hot-extrusion, MSE2012, Darmstadt, Germany, (Sep.25-27, 2012).
 98. T. Mimoto, J. Umeda, K. Kondoh: Mechanical Behavior and Microstructure of High Strength Pure Titanium Material via Direct Consolidation of TiH₂-TiO₂ Powder Mixture, MSE2012, Darmstadt, Germany, (Sep.25-27, 2012).
 99. K. Funatsu, H. Fukuda, R. Takei, J. Umeda, K. Kondoh: Surface Potential Controlled by Al Additive at Interface between Mg Matrix and CNTs, The Fourth International Conference on the Characterization and Control of Interfaces for High Quality Advanced Materials (ICCCI 2012), 189, Kurashiki, (Sep. 2-5, 2012).
 100. K. Kondoh: Multi-walled carbon nanotubes reinforced metal matrix composites, 3rd Asian Symposium on Materials and Processing (ASMP2012), 33, Chennai, India, (Aug. 30-31, 2012), (Invited Talking).
 101. K. Kondoh, J. Umeda, B. Fugetsu: Network-Structured MWCNTS Coatings and Its Tribological behavior, 3rd Asian Symposium on Materials and Processing (ASMP2012), 37-38, Chennai, India, (Aug. 30-31, 2012).
 102. K. Kondoh, T. Mimoto, N. Nakanishi, J. Umeda: Strengthening Mechanism of Oxygen Solid Solved Pure Titanium Powder Materials Consolidated by Extrusion, 3rd Asian Symposium on Materials and Processing (ASMP2012), 48, Chennai, India, (Aug. 30-31, 2012).
 103. K. Kondoh, N. Nakanishi, T. Mimoto, J. Umeda: High Strength and Ductility Mechanism of Pure Titanium Materials with Oxygen Solid Solution via Powder Metallurgy Route, The 8th International Forum on Advanced Materials Science and Technology (IFAMST-2012), 148, Fukuoka, (Aug. 1-4, 2012), (Invited Talking).
 104. S. Li, B. Sun, T. Mimoto, H. Imai, K. Kondoh: Carbon Nanofiber and Graphite Particle Reinforced Ti Composites via Powder Metallurgy and Hot Extrusion, The 8th International Forum on Advanced Materials Science and Technology (IFAMST-2012), 153, Fukuoka, (Aug. 1-4, 2012).
 105. T. L. Jones, J. E. Labukas, K. Kondoh, B. E. Placzankis: Ballistic and Corrosion Analysis of New Military Grade Magnesium Alloys AMX602 and ZAXE1711 for Armor Applications, 9th International Conference on Magnesium Alloys and their Applications, Vancouver, Canada, (July 8-12, 2012).
 106. K. Kondoh, A. Hamada, J. Umeda, H. Imai: High-Strength Magnesium Alloy with Ultra-Fine Microstructures Using Rapid Solidification Process and Its Applications, Magnesium Powders & Composites, Technologies & Applications Part 3, PowderMet2012, Nashville, USA, (June 10-13, 2012).
 107. K. Kondoh, B. Sun, S. Li, J. Umeda: Carbon Nanotubes Reinforced Titanium Powder Composite Materials, 7th International Conference on Materials science and Technology (MSAT7), 11, Bangkok, Thailand, (June 7-8, 2012), (Invited Talking).
 108. J. Umeda, T. Mimoto, K. Kondoh, B. Fugetsu: Tribological Properties of Titanium Plate Coated with Carbon Nanotubes, 7th International Conference on Materials science and Technology (MSAT7), 79, Bangkok, Thailand, (June 7-8, 2012).
 109. J. Umeda and K. Kondoh: Utilization of Rice Husks as Biomass Resource in Myanmar, 7th International Conference on Materials science and Technology (MSAT7), 63, Bangkok, Thailand, (June 7-8, 2012).



110. J. Chen, H. Fujii, Y.F. Sun, Y. Morisada, K. Kondoh: Effect of Material Flow by Double-Sided Friction Stir Welding on Weld Structure and Mechanical Properties of Magnesium Alloy, 9th International Friction Stir Welding Symposium, Huntsville, USA, (May 15-17, 2012)
111. K. Kondoh, H. Fukuda, J. Umeda, B. Fugetsu: Interfacial Analysis of CNT Reinforced AZ61 Mg Alloy Composites, Materials Processing and Interfaces, Vol.1, TMS 2012, 717-723, Orland, USA, (Mar. 11-16, 2012).
112. J. Shen, K. Kondoh, T.L. Jones, S.N. Mathaudhu, L.J. Kecskes, Q. Wei: Mechanical Properties of Mg Alloys AMX602 and AZX7111 under Quasi-Static and Dynamic Loading, Magnesium Technology 2012, TMS 2012, 371-375, Orland, USA, (Mar. 11-16, 2012).
113. T. Mimoto, N. Nakanishi, T. Threrujirapong, J. Umeda, K. Kondoh: Cost Effective and Eco-Friendly Process for Preparation of Wrought Pure Ti Material via Direct Consolidation of TiH₂ Powders, Materials Processing and Interfaces, Vol.1, 879-886, TMS2012, Orland, USA, (Mar. 11-16, 2012).
114. K. Kondoh, T. Threrujirapong, B. Sun, H. Imai, S. Li, J. Umeda, B. Fugetsu: Multi-Walled Carbon Nanotubes Reinforced Titanium Composites via Powder Metallurgy Process, Powder Processing, Consolidation and Metallurgy of Titanium, Brisbane, Australia, (Dec. 5-7, 2011), (Invited Talking).
115. J. Chen, H. Fujii, Y. Sun, Y. Morisada, K. Kondoh: Microstructure Evolution of Friction Stir Welded Fine-grained Non-combustive Mg Alloy, International Symposium on Materials Science and Innovation for Sustainable Society (ECO-MATES 2011), 289-290, Osaka, (Nov. 28-30, 2011).
116. K. Kondoh: Un-bundled MWCNTs Reinforced metal Matrix Composites by Powder Metallurgy Process, Nanocarbon 2011 in Nagano, Nagano, (Nov. 16-17, 2011), (Invited Talking).
117. K. Kondoh: Pb-Free High-Strength Cu-Zn Alloy via Powder Metallurgy Route, APMA 2011, Jeju, Korea, (Oct. 30-Nov.2, 2011), (Invited Talking).
118. K. Kondoh, H. Fukuda, J. Umeda, B. Fugetsu: Microstructural and Mechanical Behavior of Al-Mg-Si Alloy Composite Reinforced with Carbon Nanotubes, Materials Science & Technology 2011 (MS&T11), Columbus, USA, (Oct. 16-20, 2011).
119. H. Atsumi, H. Imai, S. Li, K. Kondoh, Y. Kousaka, A. Kojima: Microstructural and Mechanical Properties of the Extruded α - β Duplex Phase Brass Cu-40Zn-Ti Alloy, Materials Science & Technology 2011 (MS&T11), 194, Columbus, USA, (Oct. 16-20, 2011).
120. H. Atsumi, H. Imai, S. Li, K. Kondoh, Y. Kousaka, A. Kojima: The Characteristics of High Strength and Lead-Free Machinable α - β Duplex Phase Brass Cu-40Zn-Cr-Fe-Sn-Bi Alloy, Materials Science & Technology 2011 (MS&T11), 358, Columbus, USA, (Oct. 16-20, 2011).
121. T. Mimoto, N. Nakanishi, T. Threrujirapong, J. Umeda, K. Kondoh: Composite Titanium Powder Coated with Carbon Black Particles Using Wasted Black Ink and Mechanical Properties of Its Extruded Material, Materials Science & Technology 2011 (MS&T11), 1002-1009, Columbus, USA, (Oct. 16-20, 2011).
122. K. Funatsu, R. Takei, J. Umeda, K. Kondoh: Surface Corrosion Behavior of Electron-Excited Pure Mg, Materials Science & Technology 2011 (MS&T11), 1397-1404, Columbus, USA, (Oct. 16-20, 2011).
123. K. Kondoh: Metal Surface Modification by Un-Bundled Carbon Nanotube Coating, Stuttgart Nanodays 2011 (ドイツ政府・フランフォーファー研究所主催), Stuttgart, Germany, (Sep. 29-30, 2011), (Invited Talking).
124. K. Kondoh: Recent research topics on carbon nano-materials reinforced metal matrix composites, Nano-Materials and Processing Symposium, Xi'an University of Technology, China, (Sep. 1-3, 2011).



125. K. Kondoh: Environmentally benign materials - Pb-free Cu-Zn alloys via powder metallurgy process, Symposium of environmental materials and advanced energy technology, Xi'an, China, (Sep. 2-4, 2011).
126. K. Kondoh, T. Threrujirapapong, H. Fukuda, J. Umeda: Un-bundled carbon nanotubes reinforced light metal composites via powder metallurgy route, 5th International Light Metal Technology Conference, 339-342, Lüneburg, Germany, (July 19-22, 2011).
127. K. Kondoh, N. Nakanishi, R. Takei, H. Fukuda, J. Umeda: Evaluation of initial corrosion phenomenon of magnesium alloys by SKPFM, 5th International Light Metal Technology Conference, 397-400, Lüneburg, Germany, (July 19-22, 2011).
128. K. Kondoh, H. Fukuda, T. Threrujirapapong, J. Umeda, B. Fugetsu: Un-Bundled Carbon Nanotubes Reinforced Light Powder Metals via Solid-State Bonding Process, AMDI2, Yokohama, (June 22-24, 2011), (Invited Talking)
129. S. Li, H. Imai, A. Kojima, Y. Kosaka, K. Yamamoto, M. Takahashi, H. Atsumi, K. Kondoh: Effect of Heat Treatment on Phase Transformation and Precipitation Behavior of Cu₄₀Zn-1.0 Wt% Ti Brass via Powder Metallurgy, ICEAM 2011, Advanced Materials Research, Vols. 233-235, 2732-2735, Changsha, China, (May 27-29, 2011).
130. K. Kondoh, N. Nakanishi, R. Takei, J. Umeda: Effect of Reacted Layer on Galvanic Corrosion Phenomenon at Interface between Ti Dispersion and Mg-Al Alloy, Supplemental Proceedings, Vol.3, TMS 2011, 93-100, San Diego, USA, (Feb. 27-Mar. 3, 2011).
131. T. L. Jones, K. Kondoh: Ballistic Analysis of New Military Grade Magnesium Alloys for Armor Applications, Magnesium Technology 2011, TMS 2011, 425-430, San Diego, USA, (Feb.27-Mar.3, 2011).
132. A. Elsayed, J. Umeda, K. Kondoh: The Production of Powder Metallurgy Hot Extruded Mg-Al-Mn-Ca Alloy with High Strength and Limited Anisotropy, Magnesium Technology 2011, TMS 2011, 475-480, San Diego, USA, (Feb. 27-Mar. 3, 2011).
133. T. Threrujirapapong, T. Mimoto, K. Kondoh, J. Umeda, B. Fugetsu: Effects of SPS Parameters on the Mechanical Properties and Microstructures of Titanium Reinforced with Multi-Wall Carbon Nanotubes Produced by Hot Extrusion, Supplemental Proceedings, Vol.2, TMS 2011, 821-828, San Diego, USA, (Feb. 27-Mar. 3, 2011)
134. A. Elsayed, K. Kondoh, N. Ma: Experimental and FEM evaluation of mechanical properties of hot extruded rapidly solidified powder metallurgy Mg-Al-Mn-Ca alloy, Proceeding of the Visual-JW2010, Vol.1, 81-82, Osaka, (Nov. 11-12, 2010).
135. K. Kondoh: Advanced powder Metallurgy processing for nano-composites and environmentally benign materials, Metal Matrix Composites Seminar, Tianjin University, Tianjin, China, (Oct. 26, 2010)
136. K. Kondoh, R. Takei, H. Fukuda, J. Umeda, H. Imai: SKPFM Quantitative Evaluation of Initial Galvanic Corrosion Phenomenon of Magnesium Alloys, Materials Science & Technology 2010 (MS&T10), 745-752, Houston, USA, (Oct. 17-21, 2010).
137. T. Jones, K. Kondoh, B. Placzankis : The Development of Superior Magnesium Alloy AMX602 using a Novel Rapid Solidification Process for Structural Applications, Materials Science & Technology 2010 (MS&T10), 2008-2019, Houston, USA, (Oct. 17-21, 2010), (Keynote Lecture).
138. K. Kondoh, T. Threrujirapapong, J. Umeda: Carbon Nanotube Reinforced Pure Titanium Powder Composite Materials by Using Zwitterionic Surfactant Solution, Materials Science & Technology (MS&T) 2010, 2233-2238, Houston, USA, (Oct. 17-21, 2010).



139. S. Li, H. Imai, H. Atsumi, K. Kondoh: Precipitation Hardening Response of Ti Addition on BS40 Brass by Powder Metallurgy, PM2010, 90, Florence, Italy, (Oct. 10-14, 2010).
140. T. Threrujirapong, K. Kondoh, H. Imai, J. Umeda, B. Fugetsu: Advantages of a Wet Process for the Production of Ti Matrix Composite Reinforced with Carbon Nano Materials by Powder Metallurgy Route, PM2010, 75, Florence, Italy, (Oct. 10-14, 2010).
141. N. Nakanishi, H. Imai, K. Kondoh: Wettability Evaluation of Pure Ti by Molten Mg Alloy Droplet for Materials Design of P/M Mg Composite Alloy Reinforced with Ti Particles, PM2010, 40, Florence, Italy, (Oct. 10-14, 2010).
142. K. Kondoh: Features of light metal matrix composites reinforced with un-bundled carbon nanotubes via wet process, NanoDays2010 (ドイツ政府・フランフォーファー研究所主催), Stuttgart, Germany, (Sep. 27-28, 2010), (Invited Talking).
143. K. Kondoh, K. Kaneko, T. Akita: Advanced Powder Metallurgy Metals by Metal Working, Metal Forming 2010 (Steel research international), 1283-1287, Toyohashi, (Sep.19-22, 2010), (Keynote Lecture).
144. H. Imai, K. Kondoh, S. Li, H. Atsumi, Y. Kosaka, A. Kojima: Effect of Bismuth Addition on Machinability and Mechanical Properties of Lead-Free Brass via Powder Metallurgy Process, Metal Forming 2010 (Steel research international), 1296-1299, Toyohashi, (Sep.19-22, 2010).
145. S. Li, K. Kondoh, H. Imai, H. Atsumi: Effects of Ti Addition on Microstructure and Mechanical Properties of Extruded Cu40Zn-2.2Bi Brass by Powder Metallurgy, Metal Forming 2010 (Steel research international), 1312-1315, Toyohashi, (Sep.19-22, 2010).
146. A. Elsayed, H. Imai, J. Umeda, K. Kondoh: Microstructure and Mechanical Properties of Hot Extruded ZK61 Alloy Produced by Rapid Solidification Powder Metallurgy, Metal Forming 2010 (Steel research international), 1304-1307, Toyohashi, (Sep.19-22, 2010).
147. T. Threrujirapong, K. Kondoh, H. Imai, J. Umeda, B. Fugetsu: Hot Extrusion of Pure Titanium Reinforced with Carbon Nanotubes, Metal Forming 2010(Steel research international), 1320-1323, Toyohashi, (Sep.19-22, 2010).
148. H. Imai, S. Li, Y. Kosaka, A. Kojima, H. Atsumi, K. Kondoh: High Strength and Lead-free Machinable Brass by Powder Metallurgy Process, The 7th Pacific Rim International Conference on Advanced Materials and Processing, 2680-2683, Cairns, Australia, (Aug. 2-6, 2010).
149. T. Yoshimura, T. Threrujirapong, H. Imai, K. Kondoh: Mechanical Properties of Oxide Dispersion Strengthened Pure Titanium Produced by Powder Metallurgy Method, The 7th Pacific Rim International Conference on Advanced Materials and Processing, 815-818, Cairns, Australia, (Aug. 2-6, 2010).
150. H. Atsumi, H. Imai, S. Li, Y. Kousaka, A. Kojima, K. Kondoh: Microstructure and Mechanical Properties of High Strength Brass Alloy with Some Elements, The 7th Pacific Rim International Conference on Advanced Materials and Processing, 2552-2555, Cairns, Australia, (Aug. 2-6, 2010).
151. H. Imai, K. Kondoh, S. Li, H. Atsumi, Y. Kosaka, A. Kojima, J. Umeda: Machinability and mechanical properties of lead-free wrought brass alloys with bismuth and graphite particles by powder metallurgy process, Proceedings of the 7th International Copper-Cobre Conference 2010, Vol.1, Copper 2010, 89-98, Hamburg, Germany, (June 6-10, 2010).



152. K. Kondoh, T. Threrujirapapong, H. Imai, J. Umeda, B. Fugetsu: Un-bundled Carbon Nanotubes Reinforced Titanium Composites via Powder Metallurgy Process, Supplemental Proceedings, Vol.2, TMS 2010, 173-179, Seattle, USA, (Feb.14-18, 2010).
153. T. Threrujirapapong, K. Kondoh, H. Imai, J. Umeda, B. Fugetsu: Fabrication of High Strength Pure Ti Matrix Composite Reinforced with Carbon Black Particle via Wet Process, Supplemental Proceedings, Vol.2, TMS 2010, 181-187, Seattle, USA, (Feb.14-18, 2010).
154. R. Takei, H. Fukuda, H. Imai, J. Umeda, K. Kondoh: Corrosion Phenomenon Evaluation of Mg Alloys Using Surface Potential Difference Measured by SKPFM, Magnesium Technology 2010, TMS 2010, 169-172, Seattle, USA, (Feb.14-18, 2010).
155. K. Kondoh and K. Kaneko: Solid-state Recycle of Mg Alloy Wastes via Powder Metallurgy Process, The Eighteenth International Conference on Processing and Fabrication of Advanced Materials (PFAM 18), Sendai, (Dec.12-14, 2009).
156. K. Kondoh, M. Kawakami, J. Umeda, H. Imai, H. Fujii: Microstructural and Mechanical Properties of Magnesium Matrix Composite Reinforced with Titanium Powders via Powder Metallurgy Process, Magnesium 8th International Conference on Magnesium Alloys and their Applications, 668-675, Weimar, Germany, (Oct. 26-29, 2009).
157. Y. Miyashita, Y. Ochi, S. Ishihara, K. Kondoh, N. Aoyagi, Y. Furuya, H. Hirukawa, S. Kamado: Evaluation of Fatigue Properties of Extruded Mg-Al-Zn Magnesium Alloys by Axial Loading and Rotating Bending Fatigue Tests, Magnesium 8th International Conference on Magnesium Alloys and their Applications, 788-794, Weimar, Germany, (Oct. 26-29, 2009).
158. A. Elsayed, H. Imai, J. Umeda, K. Kondoh: Improved Mechanical Response of Hot Extruded SWAP Mg-Al-Zn-Ca Powder with Different Rare-Earth Element Additions, Magnesium 8th International Conference on Magnesium Alloys and their Applications, 758-763, Weimar, Germany, (Oct. 26-29, 2009).
159. J. Fujita, K. Kondoh, K. Enami, M. Ohara, T. Igarashi: Phase Changes in Fabrication of Powder Metallurgy Magnesium Composites Reinforced with Calcium Oxides via Heat Treatment at Elevated Temperature, Magnesium 8th International Conference on Magnesium Alloys and their Applications, 824-829, Weimar, Germany, (Oct. 26-29, 2009).
160. K. Kondoh: High-strengthened and Cost-effective Titanium Composites Reinforced with CNTs and In-situ Formed Oxides, International conference Stuttgart Nanodays'09 (ドイツ政府・フランフォーファー研究所主催), Stuttgart, Germany, (Sep. 14-15, 2009), (Invited Talking).
161. K. Kondoh, A. Elsayed, H. Fukuda, M. Kawakami, H. Imai, J. Umeda: Rapidly Solidified Magnesium Alloy Coarse Powder by SWAP and Characteristics of Its Wrought Alloy, The Third International Conference of Processing Materials for Properties (PMP-III), MMIJ Session in Sapporo 2009, 913-918, Sapporo, (Sep. 7, 2009).
162. H. Imai, K. Kondoh, H. Fukuda, B. Fugetsu: Composite Metal Powder Coated with Un-Bundled Carbon Nanotube (CNT) and Characteristics of its Extruded Material, The Third International Conference of Processing Materials for Properties (PMP-III), MMIJ Session in Sapporo 2009, 883-888, Sapporo, (Sep. 7, 2009).
163. J. Fujita, T. Serikawa, K. Kondoh, H. Kimura, A. Inoue: Structure and Property of ZR-CU Binary Amorphous Films Deposited by Sputtering Process, The Third International Conference of Processing Materials for Properties (PMP-III), MMIJ Session in Sapporo 2009, 1157-1162, Sapporo, (Sep. 7, 2009).



164. H. Imai, H. Fukuda, B. Fugetsu, K. Kondoh: Characteristics of Hot Extruded Composite Metals Dispersed with Un-bundled CNTs, ICMAT & IUMRS-ICA 2009, Symposium H, Singapore, (June 28-July 3, 2009).
165. T. Yoshimura, H. Imai, K. Kondoh: Mechanical Properties of Roll Compaction Processed Pure Ti, ICMAT & IUMRS-ICA 2009, Symposium T, Singapore, (June 28-July 3, 2009).
166. Y. Shimotsuya, K. Satoh, M. Sugisawa, Y. Miyashita, K. Kondoh, Y. Mutoh: Fatigue Strength and Fatigue Crack Growth Behavior of Extruded AZ31 Magnesium Alloy via RCP Process, Proc. Asian Symp. on Materials and Processing 2009 (ASMP2009), Singapore, (June 28-July 3, 2009).
167. K. Kondoh, T. Threrujirapong, H. Imai and B. Fugetsu : Mechanical Properties of Powder Metallurgy Titanium Alloys Dispersed with Carbon Nano Particles, Supplemental Proceedings, 3, TMS 2009, 59-62, San Francisco, USA, (Feb. 15-19, 2009).
168. T. Jones and K. Kondoh: Initial Evaluation of Advanced Powder Metallurgy Magnesium Alloys for Dynamic Applications, Magnesium Technology 2009, TMS 2009, 185-189, San Francisco, USA, (Feb. 15-19, 2009).
169. K. Kondoh and J. Umeda: High Performance Recycling of Agricultural Wastes: Rice Husk Silica Used as Reinforcements of Magnesium Sintered Materials, EPD Congress 2009, TMS2009, 885-888, San Francisco, USA, (Feb. 15-19, 2009).
170. K. Kondoh, K. Kawabata, J Umeda, M. Ueda and K. Kaneko: Advanced Solid-State Recycle of Magnesium Alloy Wastes by Repetitive Severe Plastic Working for High-Strengthened Wrought Materials, REWAS2008, 815-820, Cancun, Mexico, (Oct.12-15, 2008).
171. J. Umeda, K. Kondoh and Y. Michiura: Environmentally Benign Process of High-Purity Amorphous Silica Originated in Rice Husks of Agricultural Wastes, REWAS2008, 1493-1498, Cancun, Mexico, (Oct.12-15, 2008).
172. K. Kondoh, J. Umeda: Amorphous silica originated from rice husks and its characteristics, ICM&P2008, 72006, Evanston, USA, (Oct. 7-10, 2008).
173. K. Kondoh: High strengthened and texture controlled P/M magnesium alloys and their isotropic tensile properties, ICM&P2008, 72007, Evanston, USA, (Oct. 7-10, 2008).
174. H. Fukuda, H. Imai, K. Kondoh and B. Fugetsu: Composite magnesium powder coated with un-bundled carbon nanotubes (CNT) and characteristics of its extruded material, ICM&P2008, 72521, Evanston, USA, (Oct. 7-10, 2008).
175. K. Kondoh and H. Imai: Environmentally Benign Pb-free Cu-Zn Alloys Dispersed with Graphite Particles via Powder Metallurgy Processing and Their Mechanical Properties, 5th Thailand Materials Science and Technology Conference (MSAT-5), 157-159, Bangkok, Thailand, (Sep.18-19, 2008).
176. K. Kondoh and H. Imai: Mechanical Behavior of Powder Metallurgy Extruded AZ31B Alloys by Microstructure and Texture Control via Roll-Compaction Process, 5th Thailand Materials Science and Technology Conference (MSAT-5), 163-165, Bangkok, Thailand,(Sep.18-19, 2008).
177. J. Umeda, K. Kondoh, M. Kawakami and H. Imai: Reactivity of Magnesium and High-purity Silica Originated in Rice Husks, 5th Thailand Materials Science and Technology Conference (MSAT-5), 54-56, Bangkok, Thailand, (Sep.18-19, 2008).
178. T. Threrujirapong, K. Kondoh, H. Imai and J. Umeda: Mechanical Properties of P/M Pure Ti with CNT/TiC Nano Composite Structure, 5th Thailand Materials Science and Technology Conference (MSAT-5), 304-306, Bangkok, Thailand, (Sep.18-19, 2008).



179. K. Kondoh, T. Oguri and H. Imai: Anisotropy of Texture-Controlled PM Magnesium Alloys via Roll-Compaction Process, PM2008, 9, 415-423, Washington D.C., USA, (June 8-12, 2008).
180. H. Imai, H. Fukuda and K. Kondoh: Microstructure Observation on Composite Metal Powder Coated by CNT and Characteristics of Hot Extruded Composite Alloys Dispersed with CNT, PM2008, Washington D.C., USA, (June 8-12, 2008).
181. M. Kawakami, K. Kondoh and H. Imai: Characteristics of Hot-Extruded Aluminum Alloy in Using Rapidly Solidified Powder via SWAP, PM2008, 7, 209-218, Washington D.C., USA, (June 8-12, 2008).
182. K. Kondoh, H. Fukuda, H. Imai and B. Fugetsu: Microstructures and Mechanical Properties of Magnesium Composite Alloys Dispersed with Carbon Nanotube via Powder Metallurgy Process, TMS2008, 289-291, New Orleans, USA, (Mar. 9-13, 2008).
183. K. Kondoh, N. Fujii, K. Kaneko, M. Ueda: Solid-state recycle of in-house machined Mg chips by severe plastic working, 2nd Int. Symp. Smart Process. Tech. (SPT'07), 2, 87-90, Osaka, (Nov. 27-28, 2007).
184. K. Kondoh, J. Umeda, and Y. Michiura: Characteristics of High-Purity Amorphous Silica Originated in Rice Husks, 2nd Int. Symp. Smart Process. Tech. (SPT'07), 2, 79-82, Osaka, (Nov. 27-28, 2007).
185. T. Oguri, K. Kondoh and K. Kawabata: Microstructures and Texture of the Extruded AZ31 Magnesium Alloy via Roll compaction Process, 2nd Int. Symp. Smart Process. Tech. (SPT'07), Osaka, (Nov. 27-28, 2007).
186. M. Kawakami, K. Kondoh, H. Imai, I. Otsuka and H. Izaki: Characteristics of Hot Extruded Aluminum Alloy in Using Rapidly Solidified Powder via SWAP, 2nd Int. Symp. Smart Process. Tech. (SPT'07), 2, 251-254, Osaka, (Nov. 27-28, 2007).
187. H. Imai and S. Matsuoka: Direct Welding of Metals and Ceramics by Ultrasonic Vibration, 2nd Int. Symp. Smart Process. Tech. (SPT'07), 2, 203-206, Osaka, (Nov. 27-28, 2007).
188. K. Kondoh: Advanced materials and processing for high-performance materials via solid-state reaction, 61st Annual Technical Meeting, The Indian Institute of Metals, Mumbai, India, (Nov. 15-19, 2007) (Invited Talking).
189. K. Kawabata, T. Serikawa, K. Kondoh, H. Kimura, and A. Inoue, Zr-Cu, Zr-Ni AND Zr-Al binary films deposited by planar magnetron sputtering, The Sixth Pacific Rim International Conference on Advanced Materials and Processing (PRICM-6), Jeju, Korea, (Nov 6-9, 2007).
190. T. Serikawa, K. Kawabata, K. Kondoh, H. Kimura and A. Inoue: Zr-Cu, Zr-Ni and Zr-Al Binary Films Deposited by Planar Magnetron Sputtering, The Sixth Pacific Rim International Conference on Advanced Materials and Processing (PRICM6), Mater. Sci. Forum, 561-565, 1734-1737, Jeju, Korea, (Nov. 6-9, 2007).
191. S. Sunada, T. Kawamura, K. Kondoh, H. Notoya, and K. Majima: Electrochemical Dissolution Characteristics of Magnesium Alloy Produced by Roll Compaction Process, The Sixth Pacific Rim International Conference on Advanced Materials and Processing (PRICM6), Mater. Sci. Forum, 561-565, 2143-2146, Jeju, Korea, (Nov. 6-9, 2007).
192. K. Kondoh, K. Kawabata and H. Oginuma: Grain-refined Magnesium Alloys via Severe Plastic Deformation, 1st Thailand Metallurgy Conference "Metal R&D for 21st Century", BO-05, Bangkok, Thailand, (Oct. 15-16, 2007).
193. K. Kondoh, T. Oguri, H. Imai, K. Kawabata: High-strength magnesium alloy via repeated plastic deformation, 2nd Asian Symposium on Magnesium Alloys (ASAMA-II), Fukuoka, (Oct. 2-4, 2007) (Invited Talking).
194. K. Kondoh, J. Umeda, H. Oginuma: Utilization of Bio-Silica Prepared from Rice Husks as Reinforcements of Magnesium Alloys, The 2nd Workshop on the Utilization of Rice Husk and Rice Husk Silica, Bangkok, Thailand, (July, 2007), (invited Talking).



195. J. Umeda, K. Kondoh, H. Oginuma, and Y. Michiura: Optimization of Process Parameters to Prepare High-purity Amorphous Silica from Rice Husks, The Second International Conference of Recycle Technology, NASDA, Thailand (2007).
196. T. Luangvaranunt, L. Tamrongpoowadon, K. Kondoh: Fabrication of Al/Al₂O₃ composite by powder forging of aluminum powders and manganese oxide powders, Proceeding of the sixteenth conference on composite materials, 48-49, Kyoto, (July 8-13, 2007).
197. K. Kondoh, J. Umeda, H. Oginuma and Y. Michiura: Characteristics of High-Purity Amorphous Silica in Rice Husks, Advances in Eco-materials, The Eighth International Conference on Eco-materials, Brunel University Press, Vol.1, 153-160, England, (July, 2007).
198. K. Kondoh, K. Kawabata, K. Kaneko, N. Fujii, K. Tani and M. Ueda: Directly Recycling Process of Magnesium Wasted Chips For High Strengthened Wrought Alloys via Severe Plastic Working, Advances in Eco-materials, The Eighth International Conference on Eco-materials, Brunel University Press, Vol.2, 381-388, England, (July, 2007).
199. K. Kawabata, T. Serikawa, K. Kondoh, H. Kimura and A. Inoue: Corrosion Resistance of Zr-Al-Ni-Cu Films Deposited by Radio-Frequency Sputtering on AZ31 Mg Alloy and SiO₂ Substrates, Joint Conf. of 1st Int. Conf. on Science and Technology for Adv. Ceramics (STAC) and 2nd Int. Conf. on Joining Technology for New Metallic Glasses and Inorganic Materials (JTMC), Oiso, (May 23-25, 2007).
200. K. Kondoh, K. Kawabata, H. Oginuma: Mechanical Properties and Texture of Hot Extruded Magnesium Alloys via RCP Process in Using Coarse Raw Powder, Magnesium Technology 2007, TMS, 433-436, Orlando, USA (2007).
201. T. Luangvaranunt, T. Threrujirapapong, S. Danchaivijit, K. Kondoh, Fabrication of Al-Fe alloys by repeated compaction and extrusion of mixture of elemental powders, Proceeding of Asian Symposium on Materials and Processing 2006 conference, Bangkok, Thailand, (Nov. 9-10, 2006).
202. P. Cao, Ma Qian, K. Kondoh, D. H. St. John: A Comparative Study of Carbon Additives on Grain Refinement of Magnesium Alloys, Proceeding of the 7th International Conference on Magnesium Alloys and Their Applications, Dresden, Germany, (2006).
203. K. Kawabata, H. Oginuma, K. Kondoh: Microstructures and Mechanical Properties of Extruded AZ31 Mg Alloy Processed by Roll-Compaction Process, Proceeding of the 7th International Conference on Magnesium Alloys and Their Applications, Dresden, Germany, (2006).
204. K. Kondoh, T. Serikawa, H. Oginuma, and T. Yamaguchi: "Surface Modification of Magnesium Alloy by Mg₂Si Coating Technology", Second JSME/ASME Conf. on Materials and Processing, M&P2005, Seattle, USA, (2005), (Invited Talking).
205. K. Kondoh, M. Sumida, H. Oginuma, K. Kaneko, S. Shiozaki, S. Nishigori and Y. Goho: High-Strengthened Magnesium Alloys by Employing Coarse Powder with Refined Grains, 2005 International Conference on Powder Metallurgy & Particulate Materials, Nonferrous materials, Montreal, Canada, (2005).
206. K. Kondoh, T. Serikawa, H. Oginuma, K. Nakamura, Y. Michiura and T. Yamaguchi: Mg-Si Coating Deposited by Glow Discharge Sputtering in Employing Mg₂Si Sintered Materials, 2005 International Conference on Powder Metallurgy & Particulate Materials, Surface technology, Montreal, Canada, (2005).
207. K. Kondoh, H. Oginuma, M. Sumida, S. Shiozaki, Y. Goho: High-Strengthened Magnesium Alloys by Employing Coarse Powder with Refined Grains, 1st Asian Symposium on Magnesium Alloys, Jeju, Korea,



- (2005), (Invited Talking).
208. M. Sumida, K. Sahoda, E. Yuasa, K. Kondoh: Aging treatment and mechanical properties of SiO₂ added Mg-Al-Zn-Ca-La alloy prepared by hot extrusion process, 1st Asian Symposium on Magnesium Alloys, Jeju Korea, (2005).
209. H. Oginuma, K. Kondoh, M. Sumida, S. Shiozaki and Y. Goho: Grain refinement of magnesium alloys via roll compaction (RCP) process, 1st Asian Symposium on Magnesium Alloys, Jeju, Korea, (2005).
210. K. Kondoh, A. Kimura, Y. Takeda, R. Watanabe: Solid-state Sintering of Aluminium Alloy Powder and Characteristics of Sintered Material, 4th International Conference on Science, Technology and Applications of Sintering, Grenoble, France, (2005).
211. K. Kondoh, H. Oginuma, M. Sumida: Grain-Refining Process of Magnesium Alloys via Repeated Plastic Working, 12th International Metallurgy-Materials Congress, Istanbul, Turkey, (2005), (Invited Talking).
212. K. Kondoh, H. Oginuma, J. Umeda, Y. Oki and T. Umeda: Innovative reuse of agricultural wastes as industrial raw materials to form magnesium composites, Advanced in Ecomaterials, ICEM7, ICMAT2005, MRS-Singapore, Vol.2, 389-395, Singapore, (2005).
213. K. Kondoh: High Strength Wrought Magnesium Alloys by Employing Grain-Refined Powder, Magnesium Technology 2005, 77-80, TMS 2005, San Francisco, USA, (2005).
214. T. Yamaguchi, K. Kondoh, T. Serikawa, M. Henmi, H. Oginuma and M. Sumida: Mg₂Si Coating Technology on Magnesium Alloys to Improve Corrosion and Wear Resistance, Magnesium Technology 2005, 491-495, TMS 2005, San Francisco, USA, (2005).
215. T. Serikawa, M. Henmi, and K. Kondoh: Thin Film Depositions of Mg₂Si Intermetallic Compound by Ion Beam Sputtering, Material Science & Technology 2003, 93, Chicago, USA, (Nov. 9-12, 2004).
216. K. Kondoh, R. Tsuzuki, W. Du and S. Kamado: Materials and Processing Designs for High-Performance Magnesium Alloys, PRICM-5, Material Science Forum Vol.475-479, 453-456, Beijing, China, (2004) (Invited Talking).
217. R. Tsuzuki and K. Kondoh: In-Situ Solid-State Synthesis of Mg Composite with Mg₂Si Dispersoids, PRICM-5 Material Science Forum, Vol.475-479, Beijing, China, (2004).
218. H. Oginuma, K. Kondoh, T. Yamaguchi and E. Yuasa: Solid-state synthesis of Magnesium Silicide via Repeated Plastic Working and Spark Plasma Sintering, PRICM-5, Material Science Forum, Vol. 475-479, Beijing, China, (2004).
219. K. Kondoh, S. Kamado, R. Tsuzuki and T. Aizawa: Microstructures Control to Strengthen Light Metals by Repeated Plastic Working in Cold Compaction, PM2004, Vienna Austria, (2004).
220. K. Kondoh, T. Luagnvaranaunt, R. Tsuzuki and S. Kamado: Microstructures Controlled Magnesium Alloys via Repeated Plastic Working, Magnesium Technology, TMS2004, 257-262, Charlotte, USA, (2004).
221. K. Kondoh, R. Tsuzuki, W. Du and S. Kamado: Materials and Processing Designs for Magnesium Alloys – Grain Refining by Repeated Plastic Working and Solid-State Synthesis of Mg₂Si, The 4th International Symposium on The 21st Century COE program of Nagaoka University of Technology, Nagaoka, (2004), (Invited Talking).
222. R. Tsuzuki and K. Kondoh: Hot Extruded Mg₂Si/MgO/Mg Composites via Solid-State Synthesis, 16th Canadian Materials Science Conference, 70, Ottawa, Canada, (June 5-8, 2004).
223. K. Kondoh and T. Aizawa: High Performance Magnesium Composite Alloys with Mg₂Si Dispersoids via



- Solid-state Synthesis Process, International Conference Magnesium Alloys and Their Applications, 390-395, Wolfsburg, Germany, (2003).
224. K. Kondoh, H. Oginuma, T. Aizawa: Tribological Properties of Magnesium Composite with In-situ Formed Mg₂Si Dispersoids, MS&T '03, Chicago, USA, (2003),
225. K. Kondoh, R. Tsuzuki, W. Du and T. Aizawa: High Performance Magnesium Composite Alloy by Employing Wasted SiO₂ Ingot, The 8th IUMRS International Conference on Advanced Materials, Yokohama, (2003).
226. K. Kondoh, R. Tsuzuki, W. Du: Magnesium Composite Materials Reinforced Mg₂Si Dispersoids via Solid-state Synthesis, COM2003, 527-541, Vancouver, Canada, (2003).
227. K. Kondoh, R. Tsuzuki, W. Du: Mg Alloy Composite Materials with Solid-State Synthesized Mg₂Si Dispersions, TMS2003, 1167-1172, San Diego, USA, (2003).
228. K. Kondoh, E. Yuasa and T. Aizawa: Solid-state synthesis of Mg₂Si intermetallic compound via powder metallurgy process, PSTAM 2003, 745-750, Osaka, (2003), (Invited Talking).
229. R. Tsuzuki, K. Kondoh, W. Du T. Aizawa and E. Yuasa: Effect of Extrusion Conditions on Properties of Hot Extruded Mg Composite with Mg₂Si Dispersions via Solid-State synthesis, Magnesium Alloys 2003 Part2, 785-794, Osaka, (2003).
230. K. Kondoh, H. Oginuma, H. Muramatsu, T. Aizawa and E. Yuasa: Solid-state synthesis of Mg₂Si by heat treatment after repeated plastic working and its application to form magnesium composite materials, Advanced Technology of Plasticity 2002, 1285-1290, Yokohama, (2002).
231. K. Kondoh, H. Oginuma, E. Yuasa and T. Aizawa: Solid-state synthesis of Mg₂Si intermetallic compound via powder metallurgy process, The 10th JSME Materials and Processing Conference 2002, 100-105, Hawaii, USA, (2002).
232. R. Tsuzuki, E. Yuasa, K. Kondoh, and T. Aizawa: Consolidation of Al-Ni-Zr amorphous alloy powder made by double mechanical alloying and its microstructure and mechanical properties, The 10th JSME Materials and Processing Conference (M&P2002), 1, 114-119, Hawaii, USA, (2002).
233. K. Kondoh, W. Du, R. Tsuzuki, T. Aizawa: Mg₂Si/Mg Composite Material via Solid-State Synthesis Processing, PM²TEC, Orland, USA, (2002).
234. K. Kondoh and T. Aizawa: Mg Matrix Composite Materials via Solid-State Synthesis of Mg₂Si, The Third KIM-JIM Joint Symposium, Seoul, Korea, (2001).
235. K. Kondoh, T. Luangvaranunt, and T. Aizawa: Solid-State Recycle Processing of Light Alloys, The Fifth International Conference on Ecomaterials, Hawaii, USA, (Oct. 2-4, 2001).
236. T. Luangvaranunt, K. Kondoh, T. Aizawa: Mechanical properties of grain-refined AZ91 alloy produced from chips by Bulk Mechanical Alloying, Proceeding of The Fifth International Conference on ECOMATERIALS, Hawaii, USA, (Oct. 2-4, 2001).
237. H. Oginuma, K. Kondoh, T. Aizawa and E. Yuasa: Solid-State Forming of Mg₂Si Intermetallic Compound, The Fourth Pacific Rim International Conference on Advanced Materials and Processing, Hawaii, USA, (Oct. 2-4, 2001).
238. K. Kondoh, A. Kimura, and R. Watanabe: Solid State Sintering and Reaction of PM Aluminum Alloy and its Applications, International Workshop on Advanced Powder Metallurgy, A Satellite Meeting of P/M 2000 Conference, Kyoto, (2000).
239. K. Kondoh, A. Kimura, T. Takikawa, and R. Watanabe: Characteristic of AlN/Al Composite Material Produced



- by Direct Nitriding and Sintering Process, Powder Metallurgy World Congress 2000, Kyoto Japan, (2000).
240. K. Kondoh and T. Aizawa: Nano-structured Materials via Bulk Mechanical Alloying, №23-T-08-10, Fifth International Conference on Nano-structured Materials, Sendai, (2000).
241. T. Aizawa, T. Luangvaranunt, K. Kondoh: Morphology-free Processing for Recycling of Aluminum and Magnesium Alloys, Proc. COM-2000, 273-288, Canada, (2000).
242. T. Luangvaranunt, K. Kondoh, K. Tatsuzawa and T. Aizawa: Proceeding of Green Forming of Al-Si Alloys on the Route of Bulk Mechanical Alloying, PM2000 Conference, Kyoto, (Nov.13-17, 2000).
243. T. Luangvaranunt, K. Kondoh, T. Aizawa: Solid-State Recycling of Magnesium Alloys, Proceeding of Thermec 2000 Conference, Las Vegas, USA, (Dec.4-8, 2000).
244. K. Kondoh, A. Kimura and Y. Takeda: Wear Properties of In-Situ Reacted Al-AlN Composite Sintered Material and Applications for Automatic Transmission Parts, Society of Automotive Engineering World Congress, 99011048, Detroit, USA, (1999).
245. K. Kondoh and T. Ohji: A Method for Optimizing Heat Input in Arc Welding, IIW Doc.212-909-97, Vienna, Austria, (1997).
246. K. Kondoh, Y. Takano and Y. Takeda: Friction and Wear Properties of Integrated Composite Copper-Based Friction Materials, Society of Automotive Engineering World Congress, 970979, Detroit, USA, (1997).
247. K. Kondoh, Y. Takano and Y. Takeda: Lubrication Pump Made of Rapidly Solidified Aluminum Alloy for High Performance Engine, Society of Automotive Engineering World Congress, 960281, Detroit, USA, (1996).
248. K. Kondoh, T. Hayashi and Y. Takeda: Wear Property of Powder Forged Aluminum Alloy, Powder Metallurgy World Congress, Kyoto, (1993).
249. K. Kondoh, T. Kaji, T. Hayashi and Y. Takeda: Al-Fe-X Alloys Consolidated by Powder Forging without Lateral Flow, Powder Metallurgy World Congress, San Francisco, USA, (1992).