Presentations (Invited) (Apr. 2005 – Mar. 2010)

1. K. Midorikawa: “Infrared two-color multicycle laser field synthesis for generating an intense attosecond pulse”, International symposium on Generation and Application of Carrier Envelope Phase Locked Pulses and Attosecond Pulses, Tokyo, Japan, Mar.(2010).
2. K. Sugioka, Y. Hanada, H. Kawano, I. S. Ishikawa, A. Miyawaki, and K. Midorikawa, “Nanoaquarium fabricated by femtosecond laser 3D micromachining: Investigation on Phormidium assemblage “, 4th Pacific Int. Conf. on Appl. of Lasers and Opt. (PICALO 2010), Wuhan, China, March (2010).
3. Y. Cheng, Z. Xu, K. Sugioka, and K. Midorikawa, “Integration of electronics and photonics in active material by femtosecond laser for functional microdevice fabrication”, SPIE Int. Symp. on Laser-Based Micro- and Nano-Packaging and Assembly IV San Francisco, USA, Jan. (2010).
4. K. L. Ishikawa, “Attosecond chemistry”, 4th Symposium Japanese-French Frontiers of Science (JFFoS), Futuroscope Poitiers - ENSMA , France, Jan.(2010).
5. S. Nakashima, K. Sugioka, and K. Midorikawa, “Micro and nanofabrication of GaN by wet-chemical-assisted femtosecond laser ablation”, ASME 2009 2nd Micro/Nanoscale Heat & Mass Transfer International Conference, Shanghai, China, Dec. (2009).
6. K. Sugioka, "Ultrafast laser micro and nano processing", 10th Int. Conf. on Laser Ablation (COLA 2009), Singapore, Nov. (2009). (Tutorial)
7. H. Ohmori, K. Katahira, ”ELID Grinding of Hard Materials and Surface Modification for Molds and Biomaterials based on ELID”, International Molded Optics Conference, Bremen, Germany, Nov.(2009).
8. H. Ohmori, H. Kasuga, W. Lin, Y. Hachisu, K. Katahira, et.al. ”Development of ELID-Grinding Applications Producing Various Critical Components : High Quality and Efficient Grinding of Next Generation Semiconductor, Micro-grinding, Optical Grinding, and Dies and Molds Finishing”, 2nd International Conference on Ultra-Precision and ELID Grinding, Aachen Germany, Nov. (2009).
9. K. Sugioka, Y. Hanada, and K. Midorikawa, “Nanoaquarium - femtsecond laser micromachining and application to dynamic observation of microorganisms”, 4th Int. Symp. on Non-equilibrium Processes, Plasma, Combustion, and Atmospheric Phenomena (NEPCAP 2009), Oct., Sochi, Russia (2009). (Keynote)
10. E. J. Takahashi: “Generation of coherent sub-kev x-ray and isolated attosecond pulses by using an infrared ultrashort pulse", ISUILS8, Elounda Bay Palace,Crete, Greece, Oct.(2009).
11. H. Ohmori, Y. Uehara, T. Naruse, K. Maekawa, Y. Hachisu, K. Katahira, et.al. ”Current Status of R and D Activities on Microfabrication in RIKEN Group for Critical Component Development”, 3rd MIRAI Forum (on Micro-Fabrication and Green Technology), Incheon Korea, Oct. (2009).
12. Y. Hanada, K. Sugioka, H. Kawano, I. Ishikawa A. Miyawaki, M. Iida, H. Takai and K. Modrikawa, “Nano-aquarium integrated with functional microcomponents in photostructurable glass by femtosecond laser microprocessing for microorganism analysis”, Advanced Laser Technologies (ALT) 2009, Antalya, Turkey, Spet.-Oct. (2009).
13. Akira Suda, Samuel Bohman, Tsuneto Kanai, Shigeru Yamaguchi, and Katsumi Midorikawa, ” Generation of TW, 2-cycle pulses focusable to relativistic intensities,” SILAP 2009, Utah, USA, Sept. (2009).
14. K. Midorikawa, E. J. Takahashi, and Y. Nabekawa: “Generation of water-window x-ray and attosecond harmonics by IR parametric source“, The 8th Pacific Rim Conference on Lasers and Electro-Optics (CLEO/Pacific Rim 2009), Shanghai, China, Aug.-Sept. (2009).
15. K. Sugioka, " Ultrafast laser micro and nano processing – The state of the art and future perspective", The 8th Pacific Rim Conference on Lasers and Electro-Optics (CLEO/Pacific Rim 2009), Shanghai, China, Aug.-Sept. (2009). (Tutorial)
16. K. Midorikawa: “Generation of water-window high harmonics and attosecond pulses by an IR parametric source”, 4th Asia Summer School anded Symposium on Laser-Plasma Acceleration and Radiation, Hsinchu, Tiwan, Aug.(2009).
17. E. J. Takahashi and K. Midorikawa: “Water window high harmonic x-ray lasers”, SPIE 2009 Optics + Photonics, California, USA, Aug. (2009)
18. K. Midorikawa: “High harmonics and attosecond pulse generation”, 4th Asian Summer School and Symposium on Laser-Plasma Acceleration and Radiation, Hsinchu, Taiwan, Aug.(2009).
19. K. Midorikawa; “Generation of sub-keV harmonics and isolated attosecond pulse by an IR-OPA source”, 2nd International Conference on Attosecond Physics, Kansas, USA, July-Aug.(2009).
20. K. Sugioka, Y. Hanada, and K. Midorikawa, “Dynamic observation of microorganisms using Nanoaquariums fabricated by femtosecond laser”, 18th Int. Workshop on Laser Physics (LPHYS 2009), Barcelona, Spain, July (2009).

21. K. Sugioka, Y. Hanada, and K. Midorikawa, “Fabrication of 3D Optofluidics by Femtosecond Laser”, 1st Canada-Japan CLAN Workshop, Tokyo, Japan, July (2009).
22. K. Midorikawa: “Generation of intense high harmonics and its application to attosecond nonlinear optics”, 3rd Asian Workshop on Generation and Applications of Coherent XUV and X-ray Radiation, Wuhan, China, June(2009).
23. K. Midorikawa: “Recent progress on xuv and attosecond science at RIKEN”, 2nd International Conference on Ultraintense Laser Interaction Science, Frascati, Italy, May(2009).
24. K. Midorikawa: “Water window X-ray generation by phase matched high harmonics with neutral media”, Ultra-Fast Dynamic Imaging of Matter II (UDIM09), Naples, Italy, Apr.-May(2009).
25. K. L. Ishikawa: “Wavelength-dependence of high-harmonic generation”, Ultra-Fast Dynamic Imaging of Matter II (UDIM09), Naples, Italy, Apr.-May 3 (2009).
26. K. Midorikawa: “Attosecond interferometry”, COAST/CORAL symposium on Ultrafast Intense Laser Science in Karuizawa, Karuizawa, Japan, March (2009).
27. K. Sugioka, Y. Hanada, and K. Midorikawa: “Nanoaquarium fabricated by femtosecond laser for dynamic observation of microorganisms”, Progress in Electromagnetic Research Symposium (PIERS 2009), Beijin, China, March (2009).
28. Y. Cheng, J. Xu, Y. Liao, F. He, Z. Zhou, H. Sun, Z. Xu, K. Sugioka, and K. Midorikawa: “Integration of Multifunctional Microdevices with Femtosecond Laser Pulses”, Progress in Electromagnetic Research Symposium (PIERS 2009), Beijin, China, March (2009).
29. K. L. Ishikawa: “Atoms in ultrashort intense laser and XUV pulses”, 5th ADLIS (ADvanced Light Sources) Workshop, Munich, Germany, March (2009).
30. K. Midorikawa: “Recent progress on xuv and attosecond science at RIKEN”, 1st Shanghai Tokyo Advanced Research Symposium on Ultrafast Intense Laser Science, Tokyo, Japan, Feb. (2009).
31. K. Isobe, A. Suda, H. Hashimoto, F. Kannari, H. Kawano, H. Mizuno, A. Miyawaki, and K. Midorikawa: “Selective excitation in nonlinear optical microscopy by using an ultra-broadband pulse”, The 1st Shanghai Tokyo Advanced Research Symposium on Ultrafast Intense Laser Science, Tokyo, Feb. (2009).
32. K. Isobe, A. Suda, H. Hashimoto, F. Kannari, H. Kawano, H. Mizuno, A. Miyawaki, and K. Midorikawa: “Multifarious two-photon fluorescence microscopy employing ultrabroadband femtosecond laser pulses”, Third International Meeting on Frontier Physics, Kuala Lumpur, Malaysia, Jan. (2009).
33. K. Midorikawa: “Coherent water-window X-ray generation by phase-matched high harmonics in neutral media”, International Symposium on Advanced Photon Science, Tokyo, Japan, Dec. (2008).
34. K. Midorikawa: “Generation of coherent water-window x-ray by phase-matched high harmonics in neutral gases”, 4th Asian Symposium on Intense Laser Science (ASIL4), Gwangju, Korea, Nov. (2008).
35. K. Midorikawa: “Recent progress on XUV and attosecondd science in RIKEN”, International Symposium on Ultrafast Intense Laser Science (ISUILS7), Kyoto, Japan, Nov. (2008).
36. K. Midorikawa: “Recent progress on XUV and attosecond science in RIKEN”, 8th Workshop on Extreme Photonics “Ultrafast meets Ultracold”, Gamagori, Japan, Nov. (2008).
37. K. Sugioka, Y. Hanada, and K. Midorikawa: “3D microchips fabricated by femtosecond laser for biomedical applications”, SPIE's Int. Conf. on Optomechatronic Technologies 2008, San Diego, USA, Nov. (2008). (Plenary talk)
38. Y. Hanada, K. Sugioka, H. Kawano, I. Ishikawa, A. Miyawaki, and K. Midorikawa: “Nano-aquarium with microfluidics structures fabricated by femtosecond laser direct writing for dynamic microorganism analysis”, Photonics and Optoelectronics Meetings (POEM 2008), Wuhan, China, Nov. (2008).
39. H. Kasuga, H. Ohmori, W. Lin, et al.: “Super-smooth machining of 4H-SiC wafer through the use of fine-grinding”, International Conference on Planarization/CMP Technology, Hsinchu, Taiwan, Nov. (2008).
40. H. Kasuga, H. Ohmori, Y. Watanabe, and T. Mishima: “Improvement in micro-grinding on alumina and zirconia ceramics for dental applications”, International workshop on microfactories, Evanston USA, Oct. (2008).
41. K. Sugioka, Y. Hanada, H. Kawano, I. Ishikawa, A. Miyawaki, and K. Midorikawa: “Fabrication of nano-aquarium for dynamic analysis of microorganisms by femtosecond laser direct writing”, 16th Int. Conf. on Adv. Laser Technol. (ALT-2008), Siofok, Hungary, Sept. (2008).
42. E. J. Takahashi: “High harmonic generation in mixed gases”, The XI International Conference on Multiphoton Processes (ICOMP 2008), Heidelberg, Germany, Sept. (2008).
43. A. Suda and K. Midorikawa: “5 fs, TW pulse generation with a pressure-gradient hollow fiber” , 2nd International Symposium on Ultrafast Intense Laser Filamentation, Paris, Sept. (2008).
44. H. Kasuga, H. Ohmori, Y. Watanabe, and T. Mishima: “Efficient grinding characteristics on alumina and zirconia ceramics for dental applications”, Proceedings of the 8th International Conference on Frontiers of Design and Manufacturing, Tianjin, China, Sept. (2008).

45. K. Midorikawa: “Coherent water-window x-ray generation by phase-matched high harmonics in neutral media”, 11th International Conference on X-Ray Lasers, Belfast, Ireland, Aug.(2008).
46. K. Sugioka: “Ultrafast laser processing of glass down to the nano-scale”, 1st Int. School on Laser-surface interactions for new materials production: tailoring structure and properties, Venice, Italy, July (2008). (Tutorial)
47. K. Yoshida, H. Ohmori, K. Katahira, M. Henerichs, F. Kloche, T. Kwak, Y. Watanabe, and S. Hirai: “Ultraprecision ELID-Grinding of SiC Glass Mold Materials”, 1st International Conference on NanoManufacturing (nanoMan2008), Singapore, Singapore, July (2008).
48. H. Ohmori, K. Katahira, et al.: “Nanoprecision Micro-mechanical Fabrication Technologies and its Applications to Super Analyzer Platform”, Pan-Pacific MIRAI Seminar Series on Advanced Manufacturing Technologies, Florida, USA, July (2008).
49. K. Katahira, and H. Ohmori: “Nano-level surface finishing technology of advanced ceramics –ELID (electrolytic in-process dressing)-”, 2nd International Conference on Ceramics (ICC2), Verona, Italy, July (2008).
50. T. Kanai, E. J. Takahashi, Y. Nabekawa, and K. Midorikawa: “High-order harmonic generation in mixed gases”, 17th International Laser Physics Workshop (LPHYS'08), Trondheim, Norway, June-July (2008).
51. H. Kasuga, H. Ohmori, T. Mishima, Y. Watanabe, and W. Lin: “Investigation on mirror surface grinding characteristics of SiC materials”, International Symposium on New Frontier of Advanced Si-Based Ceramics and Composites (ISASC2008), Jeju, Korea, June (2008).
52. H. Kasuga, H. Ohmori, W. Lin, Y. Watanabe, T. Mishima, T. Doi, and T. Kwak: “Efficient grinding characteristics of 4H-SiC wafer”, 7th International Conference of High Speed Machining, Darmstadt, Germany, May (2008).
53. K. Sugioka, Y. Hanada, and K. Midorikawa: “3D microstructuring of glass by femtosecond laser for lab-on-a-chip applications”, 3rd Pacific Int. Conf. on Appl. of Lasers and Opt. (PICALO 2008), Beijing, China, April (2008).
54. E. J. Takahashi, T. Kanai, Y. Nabekawa, and K. Midorikawa, “High-order harmonic generation in mixed gases”, The 23rd Progress In Electromagnetics Research Symposium, Hangzhou, China, March (2008).
55. K. Sugioka, Y. Hanada, and K. Midorikawa, “3D microstructuring of glass by femtosecond laser direct writing and application to biophotonic microchips”, Progress in Electromagnetic Research Symposium (PIERS 2008), Hangzhou, China, March (2008).
56. K. Midorikawa, “High-order harmonic generation by mixed gases”, 6th Asia Pacific Laser Symposium (APLS 2008), The Laser Society of Japan, Nagoya, Japan, Jan.-Feb. (2008).
57. Y. Cheng, Z. Xu, K. Sugioka, and K. Midorikawa, “Three-dimensional femtosecond laser integration - a "magic brush" in the real world”, 6th Asia Pacific Laser Symp. (APLS 2008), Nagoya, Japan, Jan.-Feb.(2008).
58. A. Suda, ”Ultrafast nonlinear optics in follow fibers,” COAST/CORAL Winter School on Advanced Laser Science, Tokyo, Jan. (2008).
59. K. Midorikawa, “High-order harmonics generation in mixed gases”, COAST/CORAL Winter School on Advanced Laser Science, JSPS COAST Program, Yuzawa, Japan, Jan. (2008).
60. K. Sugioka, “New challenges and opportunities for laser processing in manufacturing”, SPIE Int. Sypm. on Laser Applications in Microelectronic and Optoelectronic Manufacturing XIII (LAMOM XIII), San Jose, USA, Jan. (2008).
61. Y. Hanada, K. Sugioka, H. Kawano, I. Ishikawa, A. Miyawaki, and K. Midorikawa, “Nano-aquarium for dynamic observation of aquatic microorganisms fabricated by femtosecond laser direct writing of photostructurable glass”, SPIE Photonics West 2008, San Jose, USA, Jan. (2008).
62. K. Midorikawa, “Attosecond nonlinear optics”, SPIE Photonics West 2008, San Jose, USA, Jan. (2008).
63. Y. Hanada, K. Sugioka, H. Kawano, I. Ishikawa, A. Miyawaki, and K. Midorikawa, “Nano-aquarium fabrication by femtosecond laser direct writing for microscopic observation of aquatic microorganisms”, 6th Asia Pacific Laser Symp. (APLS 2008), Nagoya, Japan, Jan. (2008).
64. K. L. Ishikawa, Wavelength-dependence of high-harmonic generation, 38th Winter Colloquium on The Physics of Quantum Electronics, Snowbird, Utah, USA, Jan.(2008).
65. H. Ohmori, K. Katahira, T. Naruse, Y. Uehara, A. Nakao, and M. Mizutani: ”Microscopic Grinding effects on Fabrication of Ultra-fine Micro Tools”, CIRP - Kolloquium Schweiz, Zurich, Jan. (2008),
66. K. Yamanouchi, "Ultrafast hydrogen migration: Expanding frontiers in ultrafast intense laser science", China-Japan Workshop of JSPS Asian CORE program Shanghai, China, Nov. (2007).
67. Y. Hanada, K. Sugioka, H. Kawano, I. Ishikawa, A. Miyawaki, and K, “Nano-aquarium for dynamic observation of aquatic microorganims fabricated by femtosecond laser direct writing”, Photonics Asia 2007, SPIE and COS, Beijin, China, Nov.(2007).

68. K. Midorikawa, “Direct observation of an attosecond pulse train by autocorrelation measurement”, 1st International Conference on Ultra-Intense Laser Interaction Science (ULIS 2007), Bordeaux, France, Oct. (2007).
69. K. Midorikawa, “XUV attosecond pulse characterization by autocorrelation”, 20th Annual Meeting of the IEEE Lasers and Electro-Optics Society (LEOS2007), Lake Buena Vista, USA, Oct. (2007).
70. K. Katahira, H. Ohmori, T. Saitou, J. Komotori, and M. Mizutani: ”Nano-precision grinding characteristics and surface modifying effects on lens mold materials”, 4th International Conference on Leading Edge Manufacturing in 21st Century (LEM21), Fukuoka, Oct. (2007).
71. J. Guo, H. Ohmori, Y. Watanabe, Y. Uehara, and M. Asami: ”Experiment and Theoretical Analyses on the ELID Grinding Forces”, 4th International Conference on Leading Edge Manufacturing in 21st Century (LEM21), Fukuoka, Oct. (2007).
72. K. Midorikawa, “Nonlinear interaction of intense xuv pulses with atoms and molecules:Dawn of attosecond nonlinear optics”, 5th International Conference on Inertial Fusion Sciences and Applications, Kobe, Japan, Sept. (2007).
73. K. Midorikawa, “Attosecond Coulomb explosion by intense xuv field”, Ultrafast Optics 6/Applications of High Field and Short Wavelength Sources 12 (UFO/HFSW 2007), Santa Fe, USA, Sept. (2007).
74. T. Kanai, E. J. Takahashi, Y. Nabekawa, and K. Midorikawa, “High-Order Harmonic Generation in Mixed Gases -Measurement and Control of Attosecond Dynamics-”, International Symposium on Ultrafast Intense Laser Science (ISUILS) 6, Tirrenian Sea, Italy, Sept.(2007).
75. K. Midorikawa, “Attosecond nonlinear optics”, 16th International Laser Physics Workshop, León, Mexico, Aug., (2007).
76. Y. Nabekawa, “Autocorrelation Measurement of an Attosecond Pulse Train”, 7th Pacific Rim Conference on Lasers and Electro-Optics (CLEO/Pacific Rim 2007), Seoul, Korea, Aug. (2007).
77. K. Yamanouchi, "Ultrafast Hydrogen Migration in Hydrocarbon Molecules in Intense Laser Fields", The 7th Pacific Rim Conference on Lasers and Electro-Optics (CLEO-PR 2007), Seoul, Korea, Aug. (2007).
78. K. Yamanouchi, "Ultrafast Hydrogen Migration in Hydrocarbon Molecules in Intense Laser Fields", International Conference on Photochemistry 2007, Cologne, Germany, July-Aug. (2007).
79. K. Yamanouchi, "Ultrafast Hydrogen Migration in Hydrocarbon Molecules in Intense Laser Fields", 3rd Asian Symposium on Intense Laser Science (ASILS3) 2007, Cameron Highlands, Malaysia, July (2007).
80. K. Yamanouchi, "Molecules in Intense Laser Fields", 3rd Asian Symposium on Intense Laser Science (ASILS3) 2007, Pre-Symposium Tutorial, Cyberjaya, Malaysia, July (2007).
81. K. Midorikawa, “Multiphoton processes by intense attosecond pulses”, 25th International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC 2007), Max-Planck-Institut fur Kernphysik, Freiburg, Germany, July (2007).
82. K. Sugioka, Y. Hanada, and K. Midorikawa, “3D femtosecond laser microfabrication of photonic biochips”, 3rd European Workshop on Optical Fiber Sensors (EWOFS 07), Naples, Italy, July (2007).
83. K. Sugioka and K. Midorikawa, "Microchips for biological analysis fabricated by short pulse lasers”, LASERION 2007, Tegernsee, Germany, July (2007).
84. T. Kanai, E. J. Takahashi, Y. Nabekawa, and K. Midorikawa, ``High-Order Harmonic Generation in Mixed Gases: Attosecond Dynamics of Electrons and Nuclei in Atoms and Molecules," The Third Asian Symposium on Intense Laser Science (ASILS-3), Cameron Highlands, Malaysia, July (2007).
85. K. Sugioka, Y. Hanada, and K. Midorikawa, “3D microfabrication by femtosecond laser direct writing for biophotonic microchips”, Int. Conf. on Fundamentals of Laser Assisted Micro- and Nanotechnologies (FLAMN-07), St. Petersburg, Russia, June (2007).
86. K. L. Ishikawa and E. J. Takahashi, Dramatic enhancement of high-order harmonic generation, 2nd Asian Workshop on Generation and Applications of Coherent XUV and X-ray Radiation (AWCXR), Wako, Japan, June, (2007).
87. H. Ohmori, S. Morita, Y. Watanabe, M. Mizutani, W. Lin, Y. Uehara, T. Naruse, M. Asami, and K. Katahira: ”Synergetic sensing and measurement during series of manufacturing processes”, Symposium on Advanced Techniques of Sensing-based Manufacturing, Pusan, June (2007).
88. K. Midorikawa, “Autocorrelation measurement of attosecond pulses by xuv two-photon process”, 9th European Conference on Atoms Molecules and Photons (ECAMP 9), European Physical Society, Crete, Greece, May (2007).
89. K. Midorikawa, Y. Nabekawa, T. Shimizu, T., and K. Yamanouchi, “Attosecond Nonlinear Optics”, Conference on Lasers and Electro-Optics/Quantum Electronics and Laser Science Conference (CLEO/QELS 2007), Baltimore, USA, May (2007).
90. K. Midorikawa, E. J. Takahashi, T. Kanai, and Y. Nabekawa, “High-order harmonic generation in mixed gasess”, International Symposium on Molecular Science of Ultrafast Electronic Dynamics, JSPS Core-to-Core Program, Sendai, Japan, May (2007).

91. A. Suda, ”XUV continuum generation with sub-10-fs two-color field,” 2nd Asian Workshop on Generation and Applications of Coherent XUV and X-ray Radiation, Wako, Japan, May (2007).
92. A. Holmes, K. Sugioka, and B. Gu, “The State of The Art and Future Perspective of Laser-Direct Writing for Industrial and Commercial Applications”, 2007 Conf. on Photonic Appl., Systems, Technol. (Phast 2007), Baltimore, USA, May (2007).
93. K. Sugioka, Y. Hanada, and K. Midorikawa, “Nano Aquarium Fabricated by 3D Femtosecond Laser Processing for Microorganism Analysis”, 3rd Int. Conf. on Lasers, Applications, and Technologies (LAT2007), Minsk, Belarus, May (2007).
94. K. Katahira, H. Ohmori, T. Saitou, J. Komotori, and M. Mizutani: ”ELID grinding characteristics and surface modifying effects on precise lens mold materials”, euspen International Topical Conference, Bremen, May (2007).
95. H. Ohmori, Y. Watanabe, W. Lin, Y. Uehara, K. Katahira, N. Ito, and M. Mizutani: ”The Ultra/nanoprecision Finishing Processes for Ceramics together with Efficient Grinding”, 6th Korea-Japan Interactive Workshop on Precision and Efficient Ceramic Machining, Seoul, May (2007).
96. Z. Wang, K. Sugioka, and K. Midorikawa, “Femtosecond laser direct fabrication of 3D microoptical components buried inside of photosensitive glass”, 8th International Symposium on Laser Precision Microfabrication (LPM 2007), Japan Laser Processing Society, Vienna, Austria, April (2007).
97. Y. Cheng, Z. Xu, R. Li, W. Zhang, K. Sugioka, and K. Midorikawa, “Integration of multifunctions in glasses using 3D femtosecond laser microfabrication”, 8th Int. Symp. on Laser Precision Microfabrication (LPM 2007), Vienna, Austria, April (2007).
98. K. Yamanouchi, "Hydrogen migration: From femtochemistry to attochemistry", Canada-Japan SRO-COAST Symposium on Ultrafast Intense Laser Science 2, Pavillon d’ Optique-photonique, COPL-Laval University, Quebec, Canada, March (2007).
99. K. Midorikawa, "Attosecond molecular coulomb explosion", Int. Symp. on Spectroscopy, Reaction dynamics and Manipulation of Atoms and Molecules, Sendai, Japan, Feb. (2007).
100. K. Midorikawa, "Characterization of attosecond pulse trains", SPIE Photonics West 2007 Commercial and Biomedical Applications of Ultrafast Lasers VII, San Jose CA, USA, Jan. (2007).
101. K. Midorikawa, "Nonlinear interaction of intense attosecond pulses with atoms and molecules", International Symposium on Ultrafast Intense Laser Science 5, Lijian, China, Dec. (2006).
102. T. Okino, "Hydrogen migration of polyatomic molecules in intense laser fields", International Symposium on Ultrafast Intense Laser Science 5, Lijiang, Canada, Nov.-Dec. (2006).
103. K. Midorikawa, "Nonlinear interaction of strong xuv field with atoms and molecules", COAST Autumn School on Ultrafast Intense Laser Science, Tokyo, Japan, Nov. (2006).
104. K. Midorikawa, T. Okino, T. Shimizu, K. Furusawa, Y. Nabekawa, and K. Yamanouchi, "Molecules in the strong attosecond xuv field", The 19th annual meeting of the IEEE Lasers & Electro-Optics Society, Montreal, Canada, Nov. (2006).
105. A. Suda, M. Kaku, and K. Midorikawa, “Generation of extreme ultraviolet continuum radiation driven by sub-10-fs two-color field," The 5th Asia Pacific Laser Symposium, Guilin, China, Nov. (2006).
106. K. Sugioka, Y. Hanada, Y. Cheng, and K. Midorikawa, "Fabrication of microchips for biological analysis by ultrafast laser", 5th Asia Pacific Laser Symp. (ALPS 2006), Guillin, China, Nov. (2006).
107. K. Midorikawa, "High field phenomena in the xuv region", Frontiers in Optics 2006 Special Symposium on 20 years of Chirped Pulse Amplifier, Rochester, USA, Oct. (2006).
108. K. Yamanouchi, "Ultrafast hydrogen migration in hydrocarbon molecules in intense laser fields and formation of hydrogen molecular ions", International Conference on the "Interaction of Atoms, Molecules and Plasmas with Intense Ultrashort Laser Pulses (IAMPI2006)", Szeged, Hungary, Oct. (2006).
109. K. Yamanouchi, "Non-linear dynamics in molecules induced by intense laser fields: ultrafast hydrogen migration and formation of hydrogen molecular ions", International Conference on Quantum Mechanics and Chaos, Osaka, Japan, Sept. (2006).
110. K. Yamanouchi, "Hydrogen Migration in Hydrocarbon Molecules and Formation of Hydrogen Molecular Ions Induced by Intense Laser Fields", International Symposium on Ultrafast Intense Laser Filamentation, Quebec, Canada, Sept. (2006).
111. A. Suda and K. Midorikawa, "Spatiotemporal dynamics and self-pulse compression of high-intensity femtosecond laser pulses", International Symposium on Ultrafast Intense Laser Filamentation, Quebec, Canada, Sept. (2006).
112. K. Sugioka and K. Midorikawa, "3D integration of microcomponents in a single glass chip by femtosecond laser direct writing for biochemical analysis",5th Int. Conf. on Photo-Excited Processes and Applications (5-ICPEPA), Charlottesville, USA, Sept. (2006).
113. Y. Cheng, K. Sugioka, and K. Midorikawa, "Femtosecond laser microfabrication of 3D structures in Foturan glass", SPIE Int. Symp. on Femtosecond Phenomena III, Stockholm, Sweden, Sept. (2006).

114. K. Sugioka, Y. Hanada, and K. Midorikawa, "3D microfabrication by ultrafast lasers", Topical meeting of The Korea Society For Precision Engineering, Seoul, South Korea, Sept. (2006).
115. K. Midorikawa, "Atoms and molecules in the strong attosecond XUV field", 10th Int. Conf. X-Ray Lasers, Berlin, Germany, Aug. (2006).
116. T. Saito, K. Katahira, H. Ohmori, J. Komotori, M. Mizutani, and A. Nemoto, "Fabrication of High-quality Surfaces on Precise Lens Mold Materials by a new ELID Grinding Wheel", The 11th international conference on precision engineering, Tokyo, Japan, Aug. (2006).
117. K. Midorikawa, "Strong field phenomena in the XUV region", Canada-Japan SR0-COAST Symposium on Ultrafast Intense Laser Science 1, Tokyo, Japan, July (2006).
118. K. Katahira, H. Ohmori, M. Mizutani, and Y. Uehara, "Fabrication and new surface functionization process development and investigation on Micro-molds", 6th Korea-Japan joint symposium on Micro-Fabrication, Ansan, Korea, July (2006).
119. K. Yamanouchi, "How does a molecule behave in intense laser fields?-I, Molecular photodissociation and molecular Coulomb explosion", International school of quantum electronics 43rd course matter in super-intense laser fields, Erice-Sicily, Italy, June -July (2006).
120. K. Yamanouchi, "How does a molecule behave in intense laser fields?-II, Ultrafast structural deformation and controlling chemical bond breaking", International school of quantum electronics 43rd course matter in super-intense laser fields, Erice-Sicily, Italy, June -July (2006).
121. K. Yamanouchi, "How does a molecule behave in intense laser fields?-III, Ultrafast hydrogen dynamics and formation of new classes of molecules", International school of quantum electronics 43rd course matter in super-intense laser fields, Erice-Sicily, Italy, June -July (2006).
122. K. Midorikawa, T. Shimizu, K. Furusawa, and Y. Nabekawa, "Atoms and molecules in the strong attosecond XUV fields", Super Intense Laser Atom Physics 2006, Salamanca, Spain, June (2006).
123. K. Yamanouchi, "Hydrocarbon Molecules in Intense Laser Fields: Ultrafast Hydrogen Migration and Formation of Hydrogen Molecular Ions (Keynote Lectures)", III International Conference on Laser Optics for Young Scientists (LOYS-2006), St. Petersburg, Russia, June (2006).
124. A. Suda, M. Kaku, Y. Oishi1, F. Kannari, and K. Midorikawa, "Extreme ultraviolet continuum radiation by means of two-color high-order harmonic generation", Laser optics, St. Petersburg, Russia, June (2006).
125. K.L. Ishikawa, "Photoionization of atoms by attosecond soft X-ray pulses", TAGEN International Symposium on Photoelectric Effects - from atoms to solids, weak vs. strong fields, Sendai, Japan, June (2006).
126. K. Midorikawa, "Extreme Photonics", RIKEN 2006 BSI, CDB. DRI RCAI Joint Retreat, Atami, Japan, May (2006).
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