

## 高強度軟X線アト秒パルス研究チーム

## (1)原著論文 (accept を含む)

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## (2)著書、解説等

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### (3)招待講演

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53. 石橋幸治: " カーボンナノチューブ・半導体ナノワイヤを用いた量子ナノデバイス "、第 4 回 稲盛フロンティア研究講演会『ナノエレクトロニクス・デバイスの新潮流』、6 月、福岡 (2010).
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55. 河野行雄: " 半導体・ナノカーボンデバイスを用いた高感度・高分解能テラヘルツイメージング "、日本学術振興会・「テラヘルツ波科学技術と産業開拓」第 182 委員会・第 6 回研究会、4 月、東京 (2010).

#### (4)特許出願

1. 磯部圭佑, 緑川克美: " 非線形光学顕微鏡および非線形光学顕微鏡法 "、特願 2011-061333、3 月 18 日

#### (5)会議主催

1. K. Midorikawa (Co-Chair): JSPS Asian CORE Workshop on Next Generation Ultra-Short Pulse Lasers for High Field and Ultrafast Science, Wako, Japan, Mar. 2-4 (2011).
2. K. Midorikawa (Chair): 4th Workshop on Generation and Applications of Coherent XUV and X-ray Radiation, Pohang, Korea, Jan. 20-21 (2011).
3. K. Sugioka (Chair): 11th International Symposium on Laser Precision Microfabrication (LPM 2010),

Stuttgart, Germany, June 7-10 (2010).

#### (6)受賞

1. K. Katahira, Senior research scientist, “The Young Scientists’ Prize”, The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, 2010.
2. 磯部圭佑：“研究奨励賞”、(独)理化学研究所 2011年3月10日。
3. 磯部圭佑：“基礎科学特別研究員研究成果発表会ポスター賞”、(独)理化学研究所 2011年1月14日。
4. 緑川克美：“Fellow of American Physical Society”，2010年12月。
5. 緑川克美：“応用物理学会フェロー表彰”、社団法人応用物理学会、2010年9月14日。
6. 緑川克美：“応用物理学会論文賞”、社団法人応用物理学会、2010年9月14日
7. 緑川克美：“レーザー発明五十周年記念 泰山賞 レーザー進歩賞”、財団法人レーザー技術総合研究所、2010年7月13日
8. 須田亮：“レーザー学会論文賞(解説部門)”、社団法人レーザー学会、2010年5月31日
9. 高橋栄治：“大阪大学近藤賞論文賞”，大阪大学，2010年4月27日
10. 高橋栄治：“文部科学大臣表彰若手科学者賞”，文部科学省，2010年4月13日

#### (7) その他特筆すべき事項（新聞記事等）

1. Laser Insights (Laser Institute of America), “Femtosecond laser 3D micromachining for fabricating nanoaquariums: exploring the functions of aquatic microorganisms”, 2011年2月 (<https://www.lia.org/laserinsights/2011/02/25/femtosecond-laser-3d-micromachining-for-fabricating-nanoaquariums-exploring-the-functions-of-aquatic-microorganisms/#more-635>).
2. サイエンスチャンネル(テレビ番組)「眠れる少女が見た夢～クイズで知ろう！最新科学～(11) 夢・その11 「電波と光の間にあるものは？」(河野 行雄 監修) 2010年6月27日放映
3. Asia Research News 2010、“Sensitive hybrid”、2010年4月