
Jiahui Peng

Professor for Optical Engineering

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EDUCATION

Ph.D in Physics

Texas A&M University College Station, TX Aug. 2009

Master of Science in Optics

Shanghai Institute of Optics & Fine Mechanics, CHINA July 2002

Bachelor of Science in Optics

Nankai University, CHINA June 1998

RESEARCH/WORK EXPERIENCE

Professor Huazhong University of Science and Technology Aug.2014 –

Research Scientist IMRA America, Inc. Jan. 2013 – June 2014

Postdoctoral Fellow Joint lab for attosecond science NRC/uOttawa Oct.2009 – Dec.2012

Research Assistant Texas A&M University College Station, TX Aug.2002 – Aug. 2009

Research Assistant Shanghai Institute of Optics & Fine Mechanics, CHINA Aug.1998–Jun.2002

TEACHING EXPERIENCE

Teaching Assistant Texas A&M University College Station, TX

PUBLICATIONS AND PRESENTATIONS

Selected Publications and Refereed Conference Proceedings

[1]. J. Peng, Opt. Eng. 53(6), 061613 (2014 invited).

[2]. J. Peng, D. Grojo, D.M. Rayner & P.B. Corkum, Appl. Phys. Lett. 102, 161105 (2013).

[3]. L. Mercadier, J. Peng, Y. Sultan, T.A. Davis, D.M. Rayner & P.B. Corkum, Appl. Phys. Lett. 103, 061107 (2013).

[4]. J. Peng, N. Puskas, A. Loboda, P.B. Corkum & D.M. Rayner Anal. Chem. 84, 5633-40 (2012).

[5]. J. Peng, F. Zhu, F. Benabid & A.V. Sokolov, Optics Letters 36, 891-893 (2011) (Also in Virtual Journal of Ultrafast Science, 10 (5) 2011).

[6]. J. Peng, A.V. Sokolov, F. Benabid, F. Biancalana, P. Light, F. Couny, & P. G. Roberts, Physical Review A (Rapid Communication) 81, 031803(R) (2010).

[7]. J. Peng & A.V. Sokolov, Journal of Modern Optics 56, 1964-1969 (2009).

[8]. J. Peng, D. Pestov, M.O. Scully, & A.V. Sokolov, invited to Journal of Raman Spectroscopy 40, 795-799 (2009).

- [9]. J. Peng, F. Zhu & A.V. Sokolov, Optics Letters 33, 1620-1622 (2008) (Also in Virtual Journal of Ultrafast Science, 7 (9) 2008).
- [10]. F. Benabid, F. Biancalana, P. S. Light, F. Couny, A. Luiten, P. J. Roberts, J. Peng & A.V. Sokolov, Optics Letters 33, 2680-2682 (2008) (Supercontinuum Generation And Soliton Dynamics Milestone Achieved. ScienceDaily.)
- [11]. J. Peng & A.V. Sokolov, Journal of Modern Optics, 54 2689-2698 (2007).
- [12]. L. Mercadier, J. Peng, Y. Sultan, D. Rayner, and P. Corkum, CLEO/QELS 2013.
- [13]. J. Peng, D. Pestov, M.O. Scully & A.V. Sokolov, CLEO/QELS 2008 (paper CThE6) (Optical Society of America Incubic/Milton Chang Student Travel Award).
- [14]. J. Peng & A.V. Sokolov, Frontiers in Optics 2007/Laser Science XXIII (in Laser Science, OSA Technical Digest (CD) (Optical Society of America, 2007), paper LTuJ2).

Patents

- [15]. Filed "Pulse-burst assisted electrospray ionization mass spectrometer" 2014
- [16]. J. Peng, S. Jin, Y. Leng, X. Yang & Z. Xu, CN99124260.2.
- [17]. X. Yang, Z. Xu, Z. Zhang, J. Peng, J. Wang, Y. Leng, S. Jin, H. Lu & D. Ying, CN00259519.2.
- [18]. X. Yang, Z. Xu, Z. Zhang, J. Peng, J. Wang, Y. Leng, S. Jin, H. Lu & D. Ying, CN00127832.0.
- [19]. S. Jin, Z. Xu, X. Yang, Y. Leng & J. Peng CN99124198.3.
- [20]. S. Jin, Z. Xu, X. Yang, Y. Leng & J. Peng CN99251923.3.

Selected Presentations

- [1]. J. Peng, et al., Photonics West 2013, San Francisco, CA, U.S. (Invited).
- [2]. J. Peng, et al., Gordon Conference 2012, South Hadley, MA, U.S.
- [3]. J. Peng, et al., ASMS 2012.
- [4]. J. Peng, et al., Photonics North 2011, Ottawa, Ontario, Canada
- [5]. J. Peng and A.V. Sokolov, Gordon Conference 2010, Tilton, NH, U.S.
- [6]. J. Peng, et al., CLEO/QELS 2008 (paper CThE6) (Optical Society of America Incubic/Milton Chang Student Travel Award) [Also included in the publication list].
- [7]. J. Peng & A.V. Sokolov, The NATO-ASI 2008, Ottawa, Ontario, Canada.
- [8]. J. Peng & A.V. Sokolov, Frontiers in Optics 2007/Laser Science XXIII (paper LTuJ2.)
- [9]. J. Peng & A.V. Sokolov, 2007 TSAPS/AAPT/SPS Joint Fall Meeting.
- [10]. J. Peng & A.V. Sokolov, 2005 TSAPS/AAPT/SPS Joint Fall Meeting.
- [11]. J. Peng, L. Wang & A.V. Sokolov, 2004 TSAPS/ AAPT/SPS Joint Fall Meeting.
- [12]. J. Peng, A.V. Sokolov & A. A. Kolomenskii, TAMU/DARPA/ONR Workshop on Quantum Optics, Wyoming 2003.

AWARD

Optical Society of America Incubic/Milton Chang Student Travel Award 2008;

First Prize, China National Science and Technology Progress Award 2004;

First Prize, Shanghai Science and Technology Progress Award 2003;

MEMBERSHIPS/LEADERSHIPS

Optical Society of America Member

American Society for Mass Spectrometry Member

SERVIE

Reviewer of Optics Letters, Optical Express, Applied Physics Letters, Optics Communications, Journal of Quantum Electronics, Journal of Modern Optics, Laser Physics Letters, Progress in Electromagnetic Research

Reviewer of OSA Bennett Travel award

Reviewer of OSA grant

- 上一篇：[唐霞辉](#)
- 下一篇：[李儒新](#)

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