Daniel R. Solli – Publication List
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Journal Publications

1. L. Wimmer, G. Herink, D. R. Solli, S. V. Yalunin, K. E. Echternkamp, C. Ropers, "Terahertz control of nanotip photoemission," Nature Physics **10**, 432 (2014).
2. P. T. S. DeVore, B. W. Buckley, M. H. Asghari, D. R. Solli, B. Jalali, "Coherent time-stretch transform for near-field spectroscopy," IEEE Photonics Journal **6**, 1 (2014).
3. D. R. Solli, C. Ropers, and B. Jalali, "Measuring single-shot modulation instability and supercontinuum spectra at megahertz rates," Nonlinearity **26**, R85 (2013).
4. S. V. Yalunin, G. Herink, D. R. Solli, M. Krüger, P. Hommelhoff, M. Diehn, A. Munk and C. Ropers, "Field localization and rescattering in tip-enhanced photoemission," Ann. Phys. **525**, L12 (2013).
5. P. T. S. DeVore, D. R. Solli, D. Borlaug, C. Ropers, and B. Jalali, "Rogue events and noise shaping in nonlinear silicon photonics," Journal of Optics **15**, 064001 (2013).
6. N. Akhmediev, J. M. Dudley, D. R. Solli, S. K. Turitsyn, "Recent progress in investigating optical rogue waves," Journal of Optics **15**, 060201 (2013).
7. G. Herink, D. R. Solli, M. Gulde, and C. Ropers, "Field-driven photoemission from nanostructures quenches the quiver motion," Nature **483**, 190 (2012).
8. D. R. Solli, G. Herink, B. Jalali, and C. Ropers, "Fluctuations and correlations in modulation instability," Nature Photonics **6**, 463 (2012).
   *Also featured in "News & Views": Nature Photonics **6**, 415 (2012).*
9. P. T. S. DeVore, D. R. Solli, C. Ropers, P. Koonath, and B. Jalali, "Stimulated supercontinuum generation extends broadening limits in silicon," Appl. Phys. Lett. **100**, 101111 (2012).
10. D. R. Solli and J. M. Hickmann, "Study of the properties of 2D photonic crystal structures as a function of the air-filling fraction and refractive index contrast," Opt. Mat. **33**, 523 (2011).
11. A. M. Fard, P. T. S. DeVore, D. R. Solli, and B. Jalali, "Impact of Optical Nonlinearity on Performance of Photonic Time-Stretch Analog-to-Digital Converter," J. Lightwave Technol. **29**, 2025 (2011).
12. D. R. Solli, B. Jalali, and C. Ropers, "Seeded Supercontinuum Generation with Optical Parametric Down-Conversion," Phys. Rev. Lett. **105**, 233902 (2010).
    *Also selected for "Viewpoint in Physics": "Optical rogue waves on demand," Physics **3**, 101 (2010).*
13. D. R. Solli, C. Ropers, and B. Jalali, "Rare frustration of optical supercontinuum generation," Appl. Phys. Lett. **96**, 151108 (2010).
14. P. Koonath, D. R. Solli, and B. Jalali, "Broadband coherent anti-Stokes Raman scattering in silicon," Opt. Lett. **35**, 351 (2010).
15. B. Jalali, D. R. Solli, K. Goda, K. Tsia, and C. Ropers, "Real-time measurements, rare events and photon economics," Eur. Phys. J. Spec. Top. **185**, 145 (2010).
16. D. R. Solli, S. Gupta, and B. Jalali, "Optical phase recovery in the dispersive Fourier transform," Appl. Phys. Lett. **95**, 231108 (2009).
17. B. Jalali, D. R. Solli, and S. Gupta, "Silicon's time lens," Nature Photonics **3**, 8 (2009).
18. D. R. Solli, P. Koonath, and B. Jalali, "Inverse Raman scattering in silicon: A free-carrier enhanced effect," Phys. Rev. A **79**, 053853 (2009).
19. N. K. Hon, K. K. Tsia, D. R. Solli, and B. Jalali, "Periodically poled silicon," Appl. Phys. Lett. **94**, 091116 (2009).

20. K. Goda, D. R. Solli, and B. Jalali, "Theory of amplified dispersive Fourier transformation," Phys. Rev. A **80**, 043821 (2009).

21. D. R. Solli, C. Ropers, and B. Jalali, "Active control of optical rogue waves for stimulated supercontinuum generation," Phys. Rev. Lett. **101**, 233902 (2008).

22. D. R. Solli, J. Chou, and B. Jalali, "Amplified wavelength-time transformation for real-time spectroscopy," Nature Photonics **2**, 48 (2008).

23. D. R. Solli, P. Koonath, and B. Jalali, "Broadband Raman amplification in silicon," Appl. Phys. Lett. **93**, 191105 (2008).

24. K. Goda, D. R. Solli, and B. Jalali, "Real-time optical reflectometry enabled by amplified dispersive Fourier transformation," Appl. Phys. Lett. **93**, 031106 (2008).

25. P. Koonath, D. R. Solli, and B. Jalali, "Limiting nature of spectral broadening in silicon," Appl. Phys. Lett. **93**, 091114 (2008).

26. D. Dimitropoulos, D. Solli, R. Claps, O. Boyraz, and B. Jalali, "Noise figure of silicon Raman amplifiers," J. Lightwave Technol. **26**, 847 (2008).

27. J. Chou, D. R. Solli, and B. Jalali, "Real-time spectroscopy with sub-GHz resolution using amplified spectrum-to-time transformation," Appl. Phys. Lett. **92**, 111102 (2008).

28. L. L. Lima, M. A. R. C. Alencar, D. P. Caetano, D. R. Solli, and J. M. Hickmann, "The effect of disorder on 2D photonic crystal waveguides," J. Appl. Phys. **103**, 123102 (2008).

29. D. R. Solli, J. J. Morehead, C. F. McCormick, and J. M. Hickmann, "Comparative study of the propagation of light in bandgaps of photonic crystals and the tunneling of matter waves," J. Opt. A: Pure Appl. Opt. **10**, 075204 (2008).

30. D. R. Solli, C. Ropers, P. Koonath, and B. Jalali, "Optical rogue waves," Nature **450**, 1054 (2007).
*Also featured in "News & Views": "Rogue waves surface in light," Nature **450**, 953 (2007).*

31. C. Ropers, D. R. Solli, C. P. Schulz, C. Lienau, and T. Elsaesser, "Localized multiphoton emission of femtosecond electron pulses from metal nanotips," Phys. Rev. Lett. **98**, 043907 (2007).
*Also featured in "News & Views": "Tip-top imaging," Nature **446**, 500 (2007).*

32. P. Koonath, D. R. Solli, and B. Jalali, "Continuum generation and carving on a silicon chip," Appl. Phys. Lett. **91**, 061111 (2007).

33. J. Chou, O. Boyraz, D. Solli, and B. Jalali, "Femtosecond real-time single-shot digitizer," Appl. Phys. Lett. **91**, 161105 (2007).

34. D. Dimitropoulos, D. R. Solli, R. Claps, and B. Jalali, "Noise figure and photon statistics in coherent anti-Stokes Raman scattering," Opt. Express **14**, 11418 (2006).

35. D. R. Solli, C. F. McCormick, and J. M. Hickmann, "Polarization-dependent reflective dispersion relations of photonic crystals for waveplate mirror construction," J. Lightwave Technol. **24**, 3864 (2006).

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40. C. F. McCormick, D. R. Solli, R. Y. Chiao, and J. M. Hickmann, "Saturable nonlinear refraction in hot atomic vapor," Phys. Rev. A **69**, 023804 (2004).

41. D. R. Solli, C. F. McCormick, C. Ropers, J. J. Morehead, R. Y. Chiao, and J. M. Hickmann, "Demonstration of superluminal effects in an absorptionless, nonreflective system," Phys. Rev. Lett. **91**, 143906 (2003).

42. C. F. McCormick, D. R. Solli, R. Y. Chiao, and J. M. Hickmann, "Nonlinear absorption and refraction in near-detuned rubidium vapor," JOSA B **20**, 2480-2483 (2003).

43. D. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Experimental observation of superluminal group velocities in bulk two-dimensional photonic bandgap crystals," IEEE J. Sel. Top. Quant. Electron. **9,** 40 (2003).

44. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Photonic crystal polarizers and polarizing beamsplitters," J. Appl. Phys. **93**, 9429-9431 (2003).

45. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Birefringence in two-dimensional bulk photonic crystals applied to the construction of quarter waveplates," Opt. Express **11**, 125-133 (2003).

46. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Experimental demonstration of photonic crystal waveplates," Appl. Phys. Lett. **82**, 1036 (2003).

47. J. M. Hickmann, D. Solli, C. F. McCormick, R. Plambeck, and R. Y. Chiao, "Microwave measurements of the photonic band gap in a two-dimensional photonic crystal slab," J. Appl. Phys. **92**, 6918 (2002).

48. D. Solli, R. Y. Chiao, and J. M. Hickmann, "Superluminal effects and negative group delays in electronics, and their applications," Phys. Rev. E **66**, 056601 (2002).

49. D. Solli and R. Jeanloz, "Non-Metallic Gaskets for Ultrahigh Pressure Diamond-Cell Experiments," Rev. Sci. Instrum. **72**, 2110-2113 (2001).

Conference Presentations

1. L. Wimmer, G. Herink, K. E. Echternkamp, S. V. Yalunin, D. R. Solli, M. Gulde, and C. Ropers, "THz-Controlled Photoelectron Emission from Nanotips," *Ultrafast Phenomena XIX*, Okinawa, 2014.

2. G. Herink, L. Wimmer, D. R. Solli, K. E. Echternkamp, S. V. Yalunin, C. Ropers, "Enhanced THz-near-field controls nanotip photoemission," *International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz)*, Tucson, 2014.

3. P. T. S. DeVore, B. W. Buckley, M. H. Asghari, D. R. Solli, B. Jalali, "Near-field and complex-field time-stretch transform," *SPIE Photonics Europe*, Brussels, 2014.

4. G. Herink, L. Wimmer, K. Echternkamp, D. R. Solli, S. V. Yalunin, C. Ropers, "Controlling ultrafast photoelectron dynamics in nanostructure-enhanced THz fields," *High Intensity Lasers and High Field Phenomena*, Berlin, 2014.

5. G. Herink, D. R. Solli, L. Wimmer, M. Gulde, K. Echternkamp, S. V. Yalunin, R. Bormann, and C. Ropers, "Photoemission at metallic nanostructures: multiphoton and strong-field dynamics," *Photonics West*, San Francisco, 2013.

6. G. Herink, D. R. Solli, M. Gulde, and C. Ropers, "Strong-field photoemission from nanostructures driven by few-cycle mid-infrared fields," *Ultrafast Phenomena XVIII*, Lausanne, 2012.

7. P. DeVore, D. R. Solli, C. Ropers, P. Koonath, and B. Jalali, "Stimulated Modulation Instability in Silicon for Energy Efficient Supercontinuum Generation," *Nonlinear Photonics*, Colorado Springs, 2012.

8. P. T. S. DeVore, D. R. Solli, C. Ropers, P. Koonath, and B. Jalali, "Energy-efficient coherent supercontinuum generation in silicon," *9th International Conference on Group IV Photonics*, San Diego, 2012.

9. P. T. S. DeVore, D. R. Solli, C. Ropers, P. Koonath, and B. Jalali, "Stimulated modulation instability in silicon for energy efficient supercontinuum generation," *Nonlinear Photonics*, Colorado Springs, 2012.

10. G. Herink, D. R. Solli, M. Gulde, and C. Ropers, "Mid-infrared Photoelectron Emission and Acceleration at Metallic Nanotips," *High Intensity Lasers and High Field Phenomena*, Berlin, 2012.

11. B. Jalali, D. R. Solli, and C. Ropers, "Real-time Measurements, Rogue Events and Photon Economics," *Rogue Waves International Workshop*, Dresden, 2011 (***Invited***).

12. D. R. Solli, C. Ropers, and B. Jalali, "Optical rogue waves and stimulated supercontinuum generation," *SPIE Photonics Europe*, Brussels, 2010 (***Invited***).

13. D. R. Solli, C. Ropers, and B. Jalali, "Optical rogue waves," *European Optical Society Annual Meeting*, Paris, 2010 (***Invited***).

14. D. R. Solli, C. Ropers, and B. Jalali, "Stimulated supercontinuum generation," *The Optical Fiber Communication Conference and Exposition (OFC)*, San Diego, 2009 (***Invited***).

15. D. R. Solli, C. Ropers, and B. Jalali, "Optical rogue waves and stimulated supercontinuum generation," *IEEE Photonics Society*, Los Angeles Chapter, 2009 (***Invited***).

16. S. Gupta, D. R. Solli, A. Motafakker-Fard, and B. Jalali, "Capturing Rogue Events with the Time-Stretch Recording Scope," *CLEO/Europe-EQEC*, Munich, 2009.

17. N. K. Hon, K. K. Tsia, D. R. Solli, and B. Jalali, "Periodically-Poled Silicon," *CLEO/Europe-EQEC*, Munich, 2009.

18. P. Koonath, D. R. Solli, and B. Jalali, "Broadband CARS Wavelength Conversion in Silicon," *6th International Conference on Group IV Photonics*, San Francisco, 2009.

19. N. K. Hon, K. K. Tsia, D. R. Solli, J. B. Khurgin, and B. Jalali, "Stress-induced $\chi^{(2)}$ in Silicon – Comparison between Theoretical and Experimental Values," *6th International Conference on Group IV Photonics*, San Francisco, 2009.

20. D. R. Solli, P. Koonath, and B. Jalali, "Inverse Raman Scattering in Silicon," *LEOS, 20th Annual Meeting*, Newport Beach, 2008 (***Postdeadline paper***).

21. D. R. Solli, C. Ropers, and B. Jalali, "Stimulated Supercontinuum Generation: Acceleration, Stabilization and Control," *LEOS, 20th Annual Meeting*, Newport Beach, 2008.

22. D. R. Solli, C. Ropers, P. Koonath, and B. Jalali, "Optical rogue waves," *UCLA Technology Forum*, Los Angeles, 2008 (***Invited***).

23. P. Koonath, D. R. Solli, and B. Jalali, "Limiting Nature of Continuum Generation in Silicon," *CLEO/QELS*, San Jose, 2008.

24. P. Koonath, D. R. Solli, and B. Jalali, "High Efficiency CARS Conversion in Silicon," *CLEO/QELS*, San Jose, 2008.

25. D. R. Solli, J. J. Morehead, C. F. McCormick, J. M. Hickmann, "Revisiting Photon Tunneling Through Finite 1D Dielectric Photonic Crystals," *Slow and Fast Light Topical Meeting*, Boston, 2008.

26. D. R. Solli, P. Koonath, and B. Jalali, "Broadband Raman amplification in silicon," *LEOS, 20th Annual Meeting*, Lake Buena Vista, 2007, pp. 886-887.

27. J. Chou, D. R. Solli, and B. Jalali, "Raman Amplified Wavelength-Time Spectroscopy with Picometer Spectral Resolution and Single-Shot Detection," *LEOS, 20th Annual Meeting*, Lake Buena Vista, 2007, pp. 222-223.

28. D. Dimitropoulos, D. R. Solli, O. Boyraz, and B. Jalali, "Noise Figure of Silicon Raman Amplifiers," *LEOS, 20th Annual Meeting*, Lake Buena Vista, 2007, pp. 521-522.

29. D. R. Solli and B. Jalali, "Direct Time-Domain Measurements of the Pulse Amplitude Statistics of a Fiber Supercontinuum Source," *CLEO/QELS*, Baltimore, 2007.

30. C. Lienau, C. Ropers, D. R. Solli, C. P. Schulz, and T. Elsaesser, "A Nanometer-Sized Femtosecond Electron Source at 80 MHz Repetition Rate," *15th Int'l Conf. on Ultrafast Phenomena Topical Meeting and Tabletop Exhibit*, Pacific Grove, 2006 (***Invited***).
Proceedings: Ultrafast Phenomena XV, Eds. P. Corkum, D. Jonas, D. Miller et al. (Springer, Berlin, 2007).

31. C. Lienau, C. Ropers, D. R. Solli, C. P. Schulz, and T. Elsaesser, "A Nanometer-sized Femtosecond Electron Source," *NFO-9, 9th Int'l Conf. on Near-field Optics*, Lausanne, Switzerland, 2006.

32. D. R. Solli, R. Y. Chiao, and J. M. Hickmann, "Geometrical suppression of photonic band gaps," *Photonics West*, San Jose, 2006. (Proc. SPIE **6128**, Photonic Crystal Materials and Devices IV, 612809)

33. D. R. Solli and J. M. Hickmann, "The Effect of Disorder on Photonic Crystal Pipe Lattices," *Photonic Metamaterials: From Random to Periodic*, OSA Topical Meeting, Freeport, Bahamas, 2006.

34. W. F. Silva, D. R. Solli, A. J. Corcho, D. P. Caetano, and J. M. Hickmann, "Fast light, non analytical points and the speed of information using pulses described by functions with compact support," *Slow and Fast Light*, OSA Topical Meeting, Washington, 2006.

35. L. L. Lima, D. P. Caetano. M. A. R. C. Alencar, D. R. Solli, and J. M. Hickmann, "Study of the effect of disorder on photonic crystal lattices and waveguides." *SPIE Annual Meeting and Optics and Photonics*, San Diego, 2006.

36. D. R. Solli and J. M. Hickmann, "Counterintuitive properties of two-dimensional photonic crystal structures," *CLEO/Europe-EQEC*, Munich, 2005.

37. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Experimental demonstration of an achromatic photonic crystal waveplate," *CLEO/IQEC*, San Francisco, 2004.

38. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Fast and slow light in an absorptionless, non-reflective system: a quantum weak measurement approach," *CLEO/IQEC*, San Francisco, 2004.

39. D. R. Solli, C. F. McCormick, C. Ropers, J. J. Morehead, S. Popescu, R. Y. Chiao, J. M. Hickmann, "Fast and slow light in an absorptionless, non-reflective system," *Anais de Óptica do XXVII Encontro Nacional de Física da Matéria Condensada*, Poços de Calda. São Paulo, Sociedade Brasileira de Física, 2004 (***Invited***).

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42. D. R. Solli, C. F. McCormick, R. Y. Chiao, J. M. Hickmann, "Collinear optical weak measurements with photonic crystals," *CLEO/QELS*, Baltimore, 2003 (***Postdeadline Paper***).

43. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Photonic crystal polarizers and polarizing beam splitters," *Frontiers in Optics*, OSA Annual Meeting, Tucson, 2003.

44. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Reflective photonic crystal quarter waveplate," *Frontiers in Optics*, OSA Annual Meeting, Tucson 2003 (***Postdeadline paper***).

45. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Experimental demonstration of 'fast light' in an absorptionless, non-reflective system using the birefringence of a photonic crystal," *CLEO/Europe-EQEC*, Munich, 2003 (***Postdeadline paper***).

46. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Superluminal group velocities in a bulk two-dimensional photonic band gap crystal," *CLEO/Europe-EQEC*, Munich, 2003.

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48. J. M. Hickmann, D. Solli, and R. Y. Chiao, "Fundamental tests of a dielectric photonic bandgap waveguide in the microwave region," *CLEO/QELS*, Long Beach 2002.

49. C. McCormick, D. Solli, J. M. Hickmann, and R. Y. Chiao, "Measurement of nonlinear refraction in rubidium vapor," *Nonlinear Optics*, Maui, 2002.

50. R. Y. Chiao, C. F. McCormick; C. Ropers, D. Solli, and J. M. Hickmann, "Superluminality: faster-than-c wavepacket propagation," *6th Int'l Conference on Optoelectronics, Fiber Optics and Photonics*, Mumbai, 2002.

51. J. M. Hickmann, D. Solli, C. McCormick, and R. Y. Chiao, "Measurement of the photonic bandgap in a hcp photonic crystal," *The Sir Mark Oliphant International Frontiers of Science and Technology Conference - Photonic Crystals Down Under*, Sydney, 2002.

52. J. M. Hickmann, D. Solli, C. McCormick, R. Plambeck, and R. Y. Chiao, "Microwave measurements of the photonic band gap in a 2D photonic crystal slab," *Material Research Society Fall Meeting*, Boston, 2002.

53. J. M. Hickmann, C. Ropers, D. Solli, and R. Y. Chiao, "Superluminal propagations and their applications," *The 2001 Workshop on Laser Physics and Quantum Optics - Ramsey Fest*, Jackson Hole, 2001.

54. D. Solli and R. Jeanloz, "Non-Metallic Gaskets for Ultrahigh Pressure Diamond-Cell Experiments," *American Geophysical Union Meeting*, San Francisco, 1998.

Magazine Articles

1. T. Godin, B. Wetzel, J. M. Dudley, G. Herink, F. Dias, G. Genty, B. Jalali, C. Ropers, and D. R. Solli, "Ultrafast Single-Shot Measurements in Modulation Instability and Supercontinuum," Optics and Photonics News (Optics in 2013), p. 55 (Dec 2013).

2. G. Herink, D. R. Solli, M. Gulde, C. Ropers, "Photoeffekt an Nanostrukturen: der klassische Grenzfall," Physik in unserer Zeit **43**, 165 (Jul 2012).

3. D. R. Solli and J. M. Hickmann, "Controlling the Speed of Light," Optics and Photonics News (Optics in 2004), p. 40 (Dec 2004).

4. D. R. Solli, C. F. McCormick, R. Y. Chiao, and J. M. Hickmann, "Polarization Control Using Photonic Crystals," Optics and Photonics News (Optics in 2003), p. 35 (Dec 2003).

Book Chapters

1. G. Herink, D. R. Solli, M. Gulde, R. Bormann, and C. Ropers, "Strong-Field Photoemission from Metallic Nanotips," S. Sakabe et al. (eds.), Progress in Nonlinear Nano-Optics, Springer International Publishing, Switzerland 2015, pp. 185-192.

2. R. Y. Chiao, J. M. Hickmann, C. Ropers, and D. Solli, "Faster-than-light propagations, and their applications," N. Bigelow, J. H. Eberly, C. R. Stroud, I. A. Walmsley (Org.), Coherence and Quantum Optics, New York 2003, v. VIII p. 109.

3. R. Y. Chiao, D. Solli, and J. M. Hickmann, "High Energy Electrons and Synchrotron Radiation from a Photonic Band-Gap Fiber Accelerator," P. Chen (Org.), Quantum Aspects of Beam Physics, Singapore 2002, pp. 290-300.

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e-Prints

1. L. Wimmer, G. Herink, D. R. Solli, S. V. Yalunin, K. Echternkamp, and C. Ropers, "Controlling and streaking nanotip photoemission by enhanced single-cycle terahertz pulses," arXiv:1307.2581 (2013).

2. D. R. Solli, C. Ropers, and B. Jalali, "Rare frustration of optical supercontinuum generation," arXiv:0912.4817 (2010).

3. D. R. Solli, P. Koonath, and B. Jalali, "Inverse Raman Scattering in Silicon," arXiv:0810.1939 (2008).

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5. J. Chou, D. R. Solli, B. Jalali, "Real-time Spectroscopy with Sub-GHz Resolution using Amplified Dispersive Fourier Transformation," arXiv:0803.1654v1 (2008).

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7. D. R. Solli, C. Ropers, B. Jalali, "Demonstration of Stimulated Supercontinuum Generation – An Optical Tipping Point," arXiv:0801.4066v1 (2008).

8. N. K. Hon, K. K. Tsia, D. R. Solli, and B. Jalali, "Periodically-Poled Silicon," arXiv:0812.4427 (2008).

9. D. Dimitropoulos, D. R. Solli, R. Claps, B. Jalali, "Noise figure and photon probability distribution in Coherent Anti-Stokes Raman Scattering (CARS)," arXiv:physics/0603004v1 (2006).

10. D. R. Solli, C. F. McCormick, R. Y. Chiao, S. Popescu, J. M. Hickmann, "Fast light, slow light, and phase singularities: a connection to generalized weak values," arXiv:quant-ph/0310048v1 (2003).

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12. D. R. Solli, C. F. McCormick, R. Y. Chiao, J. M. Hickmann, "Photonic crystal polarizers and polarizing beam splitters," arXiv:cond-mat/0309048v1 (2003).

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