

Conference Presentations

D. Christodoulides, “Airy beams and optical bullets”, Electromagnetics Meeting-AFOSR 2010, January 5-7, San Antonio, Texas, 2010.

N. K. Efremidis, P. Zhang, Z. Chen, D. Christodoulides, C. Ruter, D. Kip, “Wave Propagation In Waveguide Arrays With Alternating Positive And Negative Couplings”, Paper NThB7 , Nonlinear Photonics, June 21-24, 2010, Karlsruhe, Germany.

D. Duchesne, K. A. Rutkowska, M. Volatier, F. Légaré, S. Delprat, M. Chaker, D. Modotto, A. Locatelli, C. De Angelis, M. Sorel, D. N. Christodoulides, G. Salamo, R. Arès, V. Aimez and R. Morandotti, “Continuous Wave Second Harmonic Generation in Ultra-Compact AlGaAs Photonic Wire Waveguides”, postdeadline paper, Nonlinear Photonics, June 21-24, 2010, Karlsruhe, Germany.

Chong A., W. H. Renninger, F. W. Wise, D. N. Christodoulides, “Experimental demonstration of Airy-Bessel 3D linear light bullets”, paper CMU1, CLEO/QELS 2010, May 16-June 21, San Jose, California, 2010.

G. Siviloglou, N. Efremidis, P. Polynkin, J. V. Moloney, and D. N. Christodoulides, “”, Optical linear bullets with hydrogen-like symmetries”, paper QMA3, CLEO/QELS 2010, May 16-June 21, San Jose, California, 2010.

H. Ren, A. Salandrino, G. Siviloglou, and D. N. Christodoulides, “Anomalous optical force fields around high-contrast subwavelength nanowaveguides”, paper QMA4, CLEO/QELS 2010, May 16-June 21, San Jose, California, 2010.

R. El-Ganainy, D. Christodoulides, C. Ruter, and D. Kip, “Resonant delocalization of light in engineered Bloch waveguide arrays”, paper QMC4, CLEO/QELS 2010, May 16-June 21, San Jose, California, 2010.

A. Salandrino and D. N. Christodoulides, “Airy Plasmon: a non-diffracting surface wave”, paper QMD2, CLEO/QELS 2010, May 16-June 21, San Jose, California, 2010.

T. Eichelkraut, G. Siviloglou, D. N. Christodoulides, and I. Besieris, “Oblique Airy wavepackets in bidispersive optical media”, paper QWA3, CLEO/QELS 2010, May 16-June 21, San Jose, California, 2010.

Q. Chao, D. Hudson, N. Kutz, D. Christodoulides, R. Morandotti, S. Cundiff, “Spectral phase clamping in waveguide arrays”, paper QWE6, CLEO/QELS 2010, May 16-June 21, San Jose, California, 2010.

D. Christodoulides, “Optical Airy beams and bullets”, **invited talk**, COFIL 2010, 3rd International Symposium on Filamentation, May 31-June 5, Crete, Greece.

D. Christodoulides, “Discrete linear and nonlinear optics”, **keynote talk**, Nonlinear Waves-Theory and Applications, June 26-29, Beijing, China, 2010.

D. Christodoulides, “Optical Airy beams and bullets”, invited talk, The 2nd International Workshop on Nonlinear Optics and Novel Phenomena, TEDA Applied Physics School, June 30-July 1, 2010, Nankai, China.

D. Christodoulides, “Optical Airy beams and bullets”, **invited talk**, paper TuB4.2, Summer Topicals 2010, IEEE Photonics Society, July 19-21, 2010, Playa del Carmen, Riviera Maya, Mexico.

D. Christodoulides, Lecture Series, Photonics Workshop 2010, Cancun- Mexico, July 11-18 (2010).

Talks: “Optical nonlinearities of dielectric nano-suspensions” and “Optical Airy beams”.

D. Christodoulides, “Conical Optical Waves”, Nonlinear Optics AFOSR Conference, September 21-23, 2010, Albuquerque, New Mexico.

H. Ramezani¹, T. Kottos, R. El-Ganainy, D. N. Christodoulides, “Nonlinear PT-Symmetric Optical Diode”, paper FWG4, Frontiers in Optics 2010, October 24-28, Rochester, New York, 2010.

D. Duchesne, K. Rutkowska, M. Volatier, F. Legare, S. Delprat, M. Chaker, D. Modotto, A. Locatelli, C. De Angelis, D. Christodoulides, M. Sorel, G. J. Salamo, R. Ares, V. Aimez, R. Morandotti, “Integrated, Continuous Wave Second Harmonic Source Using AlGaAs Photonic Wire Waveguides”, paper FThA3, Frontiers in Optics 2010, October 24-28, Rochester, New York, 2010.