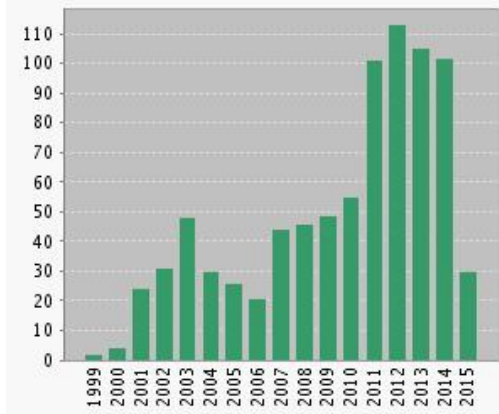


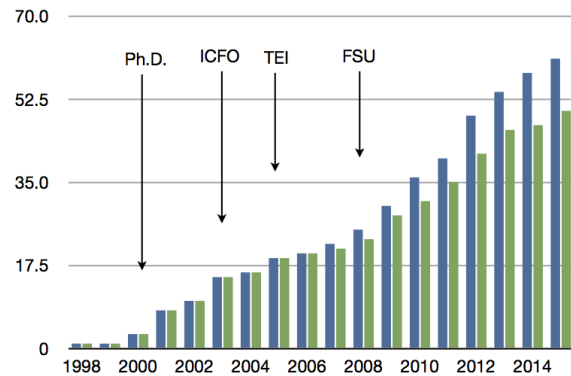
Publication List
Dr. Stefano Minardi

Publications on peer review journals

Citation Report (Web of Science – Jun. 2015)



Cumulative publications
Green = Peer Reviewed,
Blue = Peer Reviewed + Proceedings
Cumulative Publications



N.	Authors, Title, Journal	#Cit.
1	P. Di Trapani, A. Berzanskis, <u>S. Minardi</u> , S. Sapone, W. Chinaglia, "Observation of optical vortices and J0 Bessel-like beams in quantum-noise parametric amplification", <i>Phys. Rev. Lett.</i> 81 , 5133-5536 (1998).	33
2	<u>S. Minardi</u> , S. Sapone, W. Chinaglia, P. Di Trapani, A. Berzanskis, "A pixel-like generator based on controlled spatial soliton formation", <i>Opt.Lett.</i> 25 , 326-328 (2000).	18
3	P. Di Trapani, W. Chinaglia, <u>S. Minardi</u> , A. Piskarskas, G. Valiulis "Observation of quadratic optical vortex solitons", <i>Phys. Rev. Lett.</i> 84 , 3843-3846 (2000).	38
4	<u>S. Minardi</u> , G. Molina-Terriza, P. Di Trapani, J.P. Torres and L. Torner, "Soliton algebra by vortex-beam splitting" <i>Opt. Lett.</i> 26 , 1004-1006 (2001).	24
5	G. Molina-Terriza, <u>S. Minardi</u> , A. Bramati, P. Di Trapani, and L. Torner, "Demonstration of vortex-induced beam shaping in seeded second-harmonic generation" <i>Opt. Exp.</i> 9 , 110 (2001).	5
6	A. Bramati, W. Chinaglia, <u>S. Minardi</u> , and P. Di Trapani, "Reconstruction of blurred images by controlled formation of spatial solitons", <i>Opt. Lett.</i> 26 , 1409-1411 (2001).	23
7	P. Di Trapani, A. Bramati, <u>S. Minardi</u> , W. Chinaglia, C. Conti, S. Trillo, J. Kilius, and G. Valiulis, "Focusing versus defocusing nonlinearities in self-trapping due to parametric wave mixing", <i>Phys. Rev. Lett.</i> 87 , 183902 (2001).	35
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11	Y. Jiang, O. Jedrkiewicz, <u>S. Minardi</u> , P. Di Trapani, A. Mosset, E. Lantz, F. Devaux "Retrieval of spatial shot-noise in the full dynamic range of calibrated CCD cameras" <i>Eur. Phys. J. D</i> 22 , 521-526 (2003).	13
12	G. Molina-Terriza, L. Torner, <u>S. Minardi</u> , P. Di Trapani "Simultaneous frequency-conversion and beam shaping for optical-tweezers applications" <i>J. Mod. Opt.</i> 50 , 1536 (2003).	2
13	<u>S. Minardi</u> , G. Blasi, P. Di Trapani, G. Valiulis, A. Varanavicius, A. Piskarskas "Red solitons: evidence of spatio-temporal instability in $\chi^{(2)}$ spatial-soliton dynamics" <i>Phys. Rev. Lett.</i> 91 , 123901 (2003).	15
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18	G. Molina-Terriza, <u>S. Minardi</u> , Y. Deyanova, C. I. Osorio, M. Hendrych, and J. P. Torres "The spatial shape of photons generated in noncollinear spontaneous parametric downconversion" <i>Phys. Rev. A</i> 72 , 065802 (2005).	23
19	S. D. Jenkins, D. Salerno, <u>S. Minardi</u> , G. Tamosauskas, T.A.B. Kennedy and P. Di Trapani "Quantum noise initiated symmetry breaking of spatial solitons" <i>Phys. Rev. Lett.</i> 95 , 203902 (2005).	6
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25	<u>S. Minardi</u> , J. Trull, M.A.C. Potenza “Holographic properties of parametric conversion for spatiotemporal imaging of ultrashort pulses” <i>Journal of Holography and Speckles</i> 6 , 53 (2009).	--
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29	L. Willingale, P. M. Nilson, M. C. Kaluza, A. E. Dangor, R. G. Evans, P. Fernandes, M. G. Haines, C. Kamperidis, R. J. Kingham, C. P. Ridgers, M. Sherlock, A. G. R. Thomas, M. S. Wei, Z. Najmudin, K. Krushelnick, S. Bandyopadhyay, M. Notley, <u>S. Minardi</u> , M. Tatarakis, W. Rozmus “Proton deflectometry of a magnetic reconnection geometry” <i>Phys. of Plasmas</i> 17 , (2010).	19
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32	<u>S. Minardi</u> , F. Eilenberger, Y. V. Kartashov, A. Szameit, U. Röpke, J. Kobelke, K. Schuster, H. Bartlet, S. Nolte, L. Torner, F. Lederer, A. Tünnermann, T. Pertsch “Three-dimensional light bullets in arrays of waveguides” <i>Phys. Rev. Lett.</i> 105 , 263901 (2010).	65
33	F. Malbet, A. Leger, M. Shao, R. Goullioud, P.-O. Lagage, A.G.A. Brown, C. Cara, G. Durand, C. Eiroa, P. Feautrier, B. Jakobsson, E. Hinglais, L. Kaltenecker, L. Labadie, A.-M. Lagrange, J. Laskar, R. Liseau, J. Lunine, J. Maldonado, M. Mercier, C. Mordasini, D. Queloz, A. Quirrenbach, A. Sozzetti, W. Traub, O. Absil, Y. Alibert, F. Arenou, C. Beichman, A. Chelli, C.S. Cockell, G. Duvert, T. Forveille, P.J.V. Garcia, D. Hobbs, A. Krone-Martins, H. Lammer, N. Meunier, <u>S. Minardi</u> , A. Moitinho de Almeida · N. Rambaux, S. Raymond, H.J.A. Rottgering, J. Sahlmann, P. A. Schuller · D. Segransan, F. Selsis, J. Surdej, E. Villav “High precision astrometry mission for the detection and characterization of nearby habitable planetary systems with the Nearby Earth Astrometric Telescope (NEAT)” <i>Experimental Astronomy</i> 34 , 385 (2012)	8
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43	A. Gopal, <u>S. Minardi</u> , M. Burza, G. Genoud, I. Tzianaki, A. Karmakar, P. Gibbon, M. Tatarakis, A. Persson, C.-G. Wahlström “MegaGauss magnetic field generation by ultra-short pulses at relativistic intensities” <i>Plasma Phys. Control. Fusion</i> 55 , 035002 (2013).	2
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Books and Book Chapters

- 1 | S. Minardi, M.A.C. Potenza, J. Trull “Intensity mapping of three-dimensional optical wave-packets: holographic properties and applications” in “Focus on Lasers and Electro-Optics Research” Ed. T. Arkin, Nova Science Publishing, 2006
- 2 | S. Minardi, J. Bland-Hawthorn “Introduction to astrophotonics”, Wiley, in preparation

Conference proceedings

- 1) A. Gopal, S. Minardi, C. Petridis, M. Tatarakis “Direct Comparison of quantitative shadowgraphy with interferometry for plasma density measurements” PPPS-ICOPS 2007 – 17-22 June 2007 – Albuquerque, New Mexico (USA).
- 2) K. Ali, L. Carter, S. Chajman, C.-Y. Chen, A. Gopal, Y. Lee, G. Liodakis, S. Minardi, C. Petridis, M. Tatarakis, I. Vardiambasis, M. Zyzik “Promoting Academic Cooperation and Research Collaboration in Optoelectronics and Fiber Optics Communications” World Multi-Conference on Systemics, Cybernetics and Informatics 2008, 29 June – 2 July 2008 – Orlando, Florida (USA).
- 3) F. Eilenberger, D. Pliakis, S. Minardi, and T. Pertsch “Digital holography from shadowgraphic phase estimates” SPIE Photonics Europe, Bruxelles, 2010.
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- 6) J.R. Allington-Smith, T. A. Birks, J. Bland-Hawthorn, C. R. Cunningham, S. Dagupta, R. Haynes, P. J. V. Garcia, A. K. Kar, A. Kelz, P. Y. Kern, L. Labadie, J. S. Lawrence, E. P. Le Coaer, M.M. Roth, S. Minardi, R. M. Sharples, R. R. Thomson “Defining requirements and identifying relevant technologies in astrophotonics”, SPIE Conference on Astronomical Instrumentation 2010, San Jose, California (US), paper 7739-45
- 7) S. Minardi, F. Eilenberger, Y. V. Kartashov, A. Szameit, U. Röpke, J. Kobelke, K. Schuster, H. Bartlet, S. Nolte, L. Torner, F. Lederer, A. Tünnermann, T. Pertsch “Three-dimensional light bullets” SPIE Photonics West 2012, S. Francisco, California (US), paper 8240-23
- 8) S. Minardi, F. Dreisow, S. Nolte, T. Pertsch “Discrete beam combiners: exploring the potential of 3D photonics for interferometry” SPIE Conference on Astronomical Instrumentation 2012, Amsterdam, Netherlands, paper 8445-40
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- 10) S. Minardi, A. Saviuk, F. Dreisow, S. Nolte, T. Pertsch “Discrete beam combiners: 3D photonics for future interferometers” International Colloquium: 'Improving the performances of current optical interferometers and future design' – Observatoire Haute-Provence, 23-27 September 2013, St. Michel L’Observatoire, France
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- 11) S. Minardi, A. Saviuk, F. Dreisow, S. Nolte, T. Pertsch “3D-integrated beam combiner for optical spectro-interferometry” SPIE Conference on Astronomical Instrumentation 2014, Montreal (CA), paper 9146-46.
- 12) R. Errmann, S. Minardi, L. Labadie, F. Dreisow, S. Nolte, T. Pertsch “Integrated optics interferometric four telescopes nuller” SPIE Conference on Astronomical Instrumentation 2014, Montreal (CA), paper 9146-77.
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- 14) L. Labadie, J.-P. Berger, N. Cvetojevic, S. Lacour, G. Martin, S. Minardi, G. S. Perrin, M. M. Roth, R. R. Thomson. “Astrophotonics in the context of optical/IR interferometry” SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-42.

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- 16) R. Diener, S. Minardi, J. Tepper, S. Nolte, L. Labadie "All-in-one 4-telescope beam combination with a zig-zag array of Waveguides" SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-110.
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- 18) B. Muthusubramanian, L. Labadie, J.-U. Pott, S. Minardi, J. Tepper, R. Diener "Fringe tracking at longer wavelengths using near- and mid-IR integrated optics devices" SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-115.
- 19) M. J. Ireland, A. Isella, S. Minardi, S. Kraus, D. Mozurkewich, R. G. Petrov, T. A. ten Brummelaar, J. D. Monnier, J. S. Young, "Status of the Planet Formation Imager (PFI) concept" SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-55.
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Invited talks

1. S. Minardi "Large beam filamentation in propagation in $\chi^{(2)}$ media" PHASE Network Workshop 2002, Venezia (I)
2. S. Minardi "Astrophotonics in Jena: the MAMMUT Project and Discrete Beam Combiners" FRINGE Meeting 2010, 15 Jul 2010, Jena (D).
3. S. Minardi "MAMMUT for ESO VLT UT's and VLTP", YETI Workshop, 14-16 Nov 2010, Jena (D).
4. T. Pertsch, F. Eilenberger, S. Minardi, Y. Kartashov, A. Szameit, U. Röpke, J. Kobelke, K. Schuster, L. Torner, H. Bartelt, S. Nolte, F. Lederer, A. Tünnermann "Light Bullets" CLEO Pacific Rim 2011, 28 August-1st September 2011, Sidney, Australia.
5. F. Eilenberger, S. Minardi, E. Pshenay-Severin, Y. Kartashov, A. Szameit, U. Roepke, J. Kobelke, K. Schuster, L. Torner, S. Nolte, F. Lederer, A. Tünnermann, T. Pertsch "Observation of nonlinear Light Bullets in waveguide arrays" CLEO/IQEC 2011, 1-6 May 2011, Baltimore (US).
6. S. Minardi, F. Eilenberger, Y. V. Kartashov, A. Szameit, U. Röpke, J. Kobelke, K. Schuster, H. Bartlet, S. Nolte, L. Torner, F. Lederer, A. Tünnermann, T. Pertsch "Three-dimensional light bullets" SPIE Photonics West 2012, S. Francisco, California (US), paper 8240-23
7. S. Minardi "3D photonics for astronomy: a tutorial" LFIB 2014, 23-24 June 2014, Nice, France
8. S. Minardi, F. Eilenberger, K. Prater, T. Pertsch "Three-dimensional spatiotemporal solitary waves in multicore fibers" Workshop "Rogue waves, dissipative solitons, plasmonics, supercontinuum and special fibres", ICFO-The Institute of Photonics Science, July 25th-26th, 2014, Castelldefels (S).
9. S. Minardi "Advanced photonics for nulling techniques" Workshop "Photonics for planets", Convitto della Calza, November 6-7, 2014, Firenze (I).
10. L. Labadie, J.-P. Berger, N. Cvetojevic, S. Lacour, G. Martin, S. Minardi, G. S. Perrin, M. M. Roth, R. R. Thomson. "Astrophotonics in the context of optical/IR interferometry" SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-42.
11. M. J. Ireland, A. Isella, S. Minardi, S. Kraus, D. Mozurkewich, R. G. Petrov, T. A. ten Brummelaar, J. D. Monnier, J. S. Young, "Status of the Planet Formation Imager (PFI) concept" SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-55.

Oral presentations at conferences

1. P. Di Trapani, W. Chinaglia, S. Minardi, S. Sapone, A. Berzanskis, A. Dubietis, R. Danielius, A. Piskarskas "Soliton and structures in cavity-less $X^{(2)}$ systems", Conferenza Nazionale dell'INFM, June 1998, Rimini (I)
2. P. Di Trapani, W. Chinaglia, S. Minardi, G. Valiulis, A. Berzanskis "Spatial patterns and solitons in parametric superfluorescence", CLEO 1998, 14-18 September 1998, Glasgow (UK)
3. W. Chinaglia, S. Minardi, S. Sapone, G. Coppo, P. Di Trapani, A. Berzanskis, G. Valiulis, K. Staliunas "Transverse structures in cavity-less parametric amplifiers", OSA Nonlinear Guided Waves Conference, 1-3 September 1999, Dijon (F)
4. P. Di Trapani, W. Chinaglia, S. Minardi, G. Valiulis "Observation of quadratic vortex solitons", post-deadline talk, OSA Nonlinear Guided Waves Conference, 1-3 September 1999, Dijon (F)
5. P. Di Trapani, A. Bramati, S. Minardi, W. Chinaglia, J. Kilius, G. Coppo, P. Foggi, F. Neuwhal, "Space-time solitons and structures for signal processing and coherent light-source development", INFMmeeting 2000, 12-16 June 2000, Genova (I)
6. A. Bramati, W. Chinaglia, S. Minardi, and P. Di Trapani, "Reconstruction of blurred images via controlled spatial-soliton formation", CLEO 2000, 10-15 September 2000, Nice (F)
7. P. Di Trapani, A. Bramati, W. Chinaglia, S. Minardi, S. Trillo, J. Kilius, and G. Valiulis, "Threshold asymmetry for soliton formation in up and down conversion due to self-focusing and self-defocusing $\chi^{(2)}$ interaction", post-deadline talk, CLEO 2000, 10-15 September 2000, Nice (F)
8. P. Di Trapani, A. Bramati, S. Minardi, W. Chinaglia, S. Trillo, C. Conti, J. Kilius, and G. Valiulis, "Asymmetrical formation of parametric solitons", OSA Nonlinear Guided Waves Conference, 25-28 March 2001, Clearwater (USA)

9. G. Molina-Terriza, S. Minardi, P. Di Trapani, and L. Torner, "Controlled vortex-beam break-up in parametric wave mixing", OSA Nonlinear Guided Waves Conference, 25-28 March 2001, Clearwater (USA)
10. G. Valiulis, J. Kilius, O. Jedrkiewicz, A. Bramati, S. Minardi, C. Conti, S. Trillo, A. Piskarskas, P. Di Trapani, "Space-time nonlinear compression and three-dimensional complex trapping in normal dispersion", CLEO 2001, 6-11 May 2001, Baltimore (USA)
11. G. Valiulis, J. Kilius, O. Jedrkiewicz, A. Bramati, S. Minardi, C. Conti, S. Trillo, A. Piskarskas, P. Di Trapani, "Space-time phenomena in parametric processes" PHASE Network Workshop, June 2001, Gif-Sur Yvette (F)
12. P. Di Trapani, G. Valiulis, J. Kilius, O. Jedrkiewicz, A. Bramati, S. Minardi, A. Piskarskas "Observation of quadratic optical bullets", INFMmeeting 2001, 18-22 June 2001, Rome (I)
13. J. Kilius, O. Jedrkiewicz, G. Valiulis, A. Bramati, S. Minardi, P. Di Trapani, A. Piskarskas, "Space-Time phenomena and optical bullets in optical non-linear propagation", INFMmeeting 2001, 18-22 June 2001, Rome (I)
14. G. Molina-Terriza, S. Minardi, P. Di Trapani, Luis Torner "Soliton algebra by vortex-beam splitting", CLEO/Europe-EQEC-Focus Meetings 2001, 18-22 June 2001, München (D)
15. S. Tillo, P. Di Trapani, S. Minardi, C. Conti, and G. Valiulis, "Nonlinear X-waves: light bullets in normally dispersive media?", CLEO/QELS 2002, 19-24 May 2002, Long Beach, California (USA)
16. S. Minardi, G. Arrighi, P. Di Trapani, A. Varanavičius, and A. Piskarskas "A solitonic all-optical switch based on the fractional Talbot effect" accepted for OSA Nonlinear Guided Waves Conference 2002, 1-4 September 2002, Stresa (I)
17. S. Minardi, G. Blasi, P. Di Trapani, A. Varanavičius, G. Valiulis, and A. Piskarskas "3D mapping of self-focussed light pulses" accepted for OSA Nonlinear Guided Waves Conference 2002, 1-4 September 2002, Stresa (I)
18. S. Minardi, G. Arrighi, P. Di Trapani, A. Varanavičius, A. Piskarskas, D. Petrov "The Talbot effect and the excitation of soliton arrays" CLEO/EQEC 2003, 22-26 June 2003, München (D)
19. S. Minardi, G. Blasi, P. Di Trapani, G. Valiulis, A. Berzanskis, A. Varanavičius, A. Piskarskas "Parametric red solitons" CLEO/EQEC 2003, 22-26 June 2003, München (D)
20. P. Di Trapani, G. Arrighi, Yu Jin, G. Valiulis, and S. Minardi, "Temporal modulational instability of spatial solitons in second-harmonic generation" Nonlinear Guided Waves Conference 2004, 28-31 March 2004, Toronto (CA)
21. M.A.C. Potenza, S. Minardi, J. Trull, P. Di Trapani, A. Matjiosius, A. Varanavičius, A. Piskarskas "Three-dimensional holographic reconstruction of nonlinear wavepackets using a temporal gate" CLEO/IQEC 2004, 16-21 May 2004, S. Francisco (USA)
22. P. Di Trapani, G. Arrighi, J. Yu, G. Valiulis, S. Minardi, S.D. Jenkins, T.A.B. Kennedy "Temporal instability of spatial solitons driven by quantum noise" CLEO/IQEC 2004, 16-21 May 2004, S. Francisco (USA)
23. D. Salerno, P. Di Trapani, S. Minardi, S. Jenkins, T.A.B. Kennedy, G. Valiulis, and G. Tamosauskas "From spatio-temporal to temporal modulational instability" CLEO Europe/EQEC 2005, 12-17 June 2005, München (D)
24. M. Ghotbi, S. Minardi, L. Torner, M. Ebrahim-Zadeh, I.V. Kityk, A. Majchrowski, and E. Michalski, "Efficient generation of highenergy picosecond pulses at 355 nm in BiB₃O₆" CLEO Europe/EQEC 2005, 12-17 June 2005, München (D)
25. S. Minardi, A. Gopal, M. Tatarakis "Direct Comparison of quantitative shadowgraphy with interferometry for plasma density measurements" PPS-ICOPS 2007 – 17-22 June 2007 – Albuquerque, New Mexico (USA)
26. T. Pertsch, F. Eilenberger, S. Minardi, et al. "Spatio-temporal light propagation in complex two-dimensional waveguide lattices" IEEE/LEOS Winter Topicals Meeting, 12-14 Jan 2009, Innsbruck, Austria
27. S. Minardi, A. Gopal, A. Couairon, G. Tamosauskas, R. Piskarskas, A. Dubietis, P. Di Trapani "Physical Characterization of Light-Plasma Filaments in Water Using Time Resolved Shadowgraphy" CLEO Europe/EQEC 2009, 14-19 June 2009, München (D).
28. F. Eilenberger, S. Minardi, T. Pertsch, S. Nolte, F. Lederer, A. Tünnermann, Y. U. Röpke, J. Kobelke, K. Schuster, H. Bartelt, Y. Khartashov, L. Torner "Observation of Discrete-Continuous Optical Bullets" CLEO Europe/EQEC 2009, 14-19 June 2009, München (D).
29. D. Pliakis, S. Minardi, "Iterative improvement of shadowgraphic phase maps" CLEO Europe/EQEC 2009, 14-19 June 2009, München (D).
30. F. Eilenberger, D. Pliakis, S. Minardi, T. Pertsch "Digital holography from shadowgraphic phase estimates" SPIE Europe 2010, Bruxelles, (B).
31. J.R. Allington-Smith, T. A. Birks, J. Bland-Hawthorn, C. R. Cunningham, S. Dagupta, R. Haynes, P. J. V. Garcia, A. K. Kar, A. Kelz, P. Y. Kern, L. Labadie, J. S. Lawrence, E. P. Le Coaer, M.M. Roth, S. Minardi, R. M. Sharples, R. R. Thomson "Defining requirements and identifying relevant technologies in astrophotonics" SPIE Conference on Astronomical Instrumentation 2010, San Jose, California (US).
32. S. Minardi, F. Eilenberger, Y. Kartashov, A. Szameit, U. Röpke, J. Kobelke, K. Schuster, H. Bartelt, L. Torner, S. Nolte, A. Tünnermann, F. Lederer, T. Pertsch, "Dynamics of Light Bullets in Two-Dimensional Arrays of Waveguides" CLEO Europe/EQEC 2011, 21-26 May 2011, München (D).
33. S. Minardi, N. Chakrova, F. Dreisow, S. Nolte, T. Pertsch, "Three-dimensional photonic beam combiner for astronomical interferometry" CLEO Europe/EQEC 2011, 21-26 May 2011, München (D).
34. F. Eilenberger, M. Bache, S. Minardi, T. Pertsch "Nonlocal quintic nonlinearity by cascaded THG in dispersive media" CLEO Europe/EQEC 2011, 21-26 May 2011, München (D).
35. F. Eilenberger, S. Minardi, F. Setzpfandt, T. Pertsch, "Superluminally Decaying Light Bullets in Periodic Media", NLO Conference 2011, July 17-22 2011, Marriott Kauai Beach Resort, Kauai, Hawaii, (USA).
36. F. Setzpfandt, A. A. Sukhorukov, D. N. Neshev, R. Schiek, A. S. Solntsev, F. Eilenberger, S. Minardi, R. Ricken, Y. Min, W. Sohler, Y. S. Kivshar, T. Pertsch "Nonlinear evolution of laser pulses in lithium niobate waveguide arrays" NLO Conference 2011, July 17-22 2011, Marriott Kauai Beach Resort, Kauai, Hawaii, (USA).
37. S. Minardi, N. Chakrova, F. Dreisow, S. Nolte, T. Pertsch, L. Labadie "Discrete beam combiners: exploring the potential

- of 3D photonics for interferometry” Ten years of VLTI: from first fringes to core science, 24-27 Oct 2011, ESO, Garching, Germany.
38. S. Minardi, F. Dreisow, S. Nolte, T. Pertsch “Discrete beam combiners: exploring the potential of 3D photonics for interferometry” SPIE Conference on Astronomical Instrumentation 2012, Amsterdam, Netherlands.
 39. A. Saviuk, S. Minardi, F. Dreisow, S. Nolte, T. Pertsch “3D-Integrated Optical Component for Spectro-Interferometry” CLEO/Europe-EQEC Conference 2013, 12-16 May 2013, Muenchen, Germany.
 40. K. Prater, F. Eilenberger, S. Minardi, U. Röpke, J. Kobelke, K. Schuster, H. Bartelt, S. Nolte, A. Tünnermann, T. Pertsch “Vortex Light Bullets in Fibre Arrays - Properties, Decay and Experimental Schemes” CLEO/Europe-EQEC Conference 2013, 12-16 May 2013, Muenchen, Germany.
 41. S. Minardi, A. Saviuk, F. Dreisow, S. Nolte, T. Pertsch “Discrete beam combiners: 3D photonics for future interferometers” International Colloquium: 'Improving the performances of current optical interferometers and future design' – Observatoire Haute-Provence, 23-27 September 2013, St. Michel L'Observatoire, France
 42. S. Minardi, A. Saviuk, F. Dreisow, S. Nolte, T. Pertsch “3D-integrated beam combiner for optical spectro-interferometry” SPIE Conference on Astronomical Instrumentation 2014, 22-27 June 2014, Montreal (CA).
 43. O. Jedrkiewicz, S. Minardi, A. Couairon, V. Jukna, M. Selva, P. Di Trapani “Plasma Absorption Evidence via Chirped Pulse Spectral Transmission Measurements of a Bessel Beam Propagating in Glass” CLEO/Europe-EQEC Conference 2015, 21-25 June 2015, Muenchen (Germany).
 44. S. Minardi, C. Milian, D. Majus, A. Gopal, G. Tamosauskas, A. Couairon, T. Pertsch, A. Dubietis “Imaging Energy Deposition of Femtosecond Pulses in Raman-Active Materials” CLEO/Europe-EQEC Conference 2015, 21-25 June 2015, Muenchen (Germany).
 45. S. Minardi, S. Lacour, J.-P. Berger, L. Labadie, R. R. Thomson, M. J. Ireland. “Beam combination schemes and technologies for the Planet Formation Imager” SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-57.

Posters

- 1) A. Bramati, W. Chinaglia, S. Minardi, P. Di Trapani “Reconstruction of blurred images via controlled spatial-solitons formation”, INFM meeting 2000, 12-16 June 2000, Genova (I)
- 2) S. Minardi, A. Bramati, P. Di Trapani, G. Molina-Terriza, L. Torner “Beam shaping and soliton algebra by vortex-beam parametric interaction”, INFM meeting 2001, 18-22 June 2001, Rome (I)
- 3) S. Minardi, G. Blasi, P. Di Trapani, A. Varanavicius, A. Piskarskas “Time profile of parametric spatial solitons excited by picosecond light pulses” INFM meeting 2002, 24-28 June 2002, Bari (I)
- 4) G. Arrighi, S. Minardi, P. Di Trapani, A. Varanavicius, A. Piskarskas “Microlens-based non-linear optical devices” INFM meeting 2002, 24-28 June 2002, Bari (I)
- 5) Y. Jiang, O. Jedrkiewicz, J. Trull, S. Minardi, and P. Di Trapani “CCD camera testing and spatially resolved shot-noise measurements in multi-photon and ultra-short pulse regime, for spatial entanglement investigation in parametric down-conversion and amplification” INFM meeting 2002, 24-28 June 2002, Bari (I)
- 6) J. Trull, S. Minardi, P. Di Trapani, O. Jedrkiewicz, M. Potenza, A. Matijosius, G. Valiulis, A. Varanavicius, R. Danielius, A. Piskarskas, E. Kucinskas “Three-dimensional reconstruction of nonlinear wavepackets using a temporal gate” “International workshop on recent trends in nonlinear optics and ultrashort pulse generation”, Pavia, 15-16 June 2003
- 7) J. Trull, S. Minardi, P. Di Trapani, O. Jedrkiewicz, M. Potenza, A. Matijosius, G. Valiulis, A. Varanavicius, R. Danielius, A. Piskarskas, E. Kucinskas “Three-dimensional reconstruction of nonlinear wavepackets using a temporal gate” CLEO/EQEC 2003, 22-26 June 2003, München (D)
- 8) D. Salerno, S. Minardi, J. Trull, P. Di Trapani, G. Valiulis, A. Varanavicius, G. Tamosauskas, A. Piskarskas “Impact of wave-envelope dynamics on beams and pulse break-up in $\chi(2)$ media” CLEO/EQEC 2003, 22-26 June 2003, München (D)
- 9) S. Minardi, P. Di Trapani, J. Trull, M. Potenza, A. Varanavicius, A. Piskarskas “Three-dimensional holography of nonlinear wavepackets” Optical diagnostics and monitoring: from advanced components to novel devices” Bacoli, Napoli (I)
- 10) S. Minardi, J. Trull, M.A.C. Potenza, X. Zhyong, L. Crasovan, “Enhancement of temporal resolution of spatiotemporal intensity maps of ultrashort optical pulses” XX Trobades Cientifiques de la Mediterranea, 26-28 September 2004, Maó (E)
- 11) G. Molina-Terriza, S. Minardi, Y. Deyanova, C.I. Osorio, M. Hendrych, J.P. Torres “The spatial shape of photons in spontaneous parametric down-conversion” CLEO Europe/EQEC 2005, 12-17 June 2005, München (D)
- 12) S. Minardi, A. Gopal, C. Petridis, M. Tatarakis “Quantitative bidimensional shadowgraphy for low density plasma characterization” ICOPS2006, 4-8 June 2006, Traverse City, Michigan, USA
- 13) F. Eilenberger, S. Minardi, T. Pertsch “Spatiotemporal discrete bullets” Workshop Discrete optics and Beyond, 19-21 May 2008, Bad Honneff, Germany
- 14) S. Minardi, S. Krämer, A. Chipouline, T. Pertsch, R. Follert, B. Stecklum, R. Neuhäuser “Stabilization of an optical fiber interferometer by means of an integrated electro-optical modulator - Applications to astronomy” Summer School on Astronomy and Imaging with the Very Large Telescope Interferometer” 2-13 June 2008, Keszthely, Hungary
- 15) S.M. Hassan, E.L. Clark, A. Gopal, S. Minardi, C. Petridis, J. Chatzakis, G. Androulakis, M. Tatarakis, E.O. Baronova, V.V. Vikhrev, P. Lee “Compact Low Current X-Pinch Based EUV Source for Lithography” ICOPS 2008 – June 15 - 19, 2008 Congress Center Karlsruhe, Germany
- 16) S. Minardi, A. Gopal, A. Couairon, G. Tamosauskas, R. Piskarskas, A. Dubietis, M. Tatarakis, P. Di Trapani “Time-resolved Measurements of Complex Refractive Index Changes Induced by Intense Femtosecond-pulses Propagating in Water” Second International Symposium on Filamentation, Paris 22-25 September 2008.

- 17) V.V. Vikhrev, G.C. Androulakis, E.O. Baronova, S.M. Hassan, E.L. Clark, A. Gopal, S. Minardi, C. Petridis, J. Chatzakis, A. Skoulakis, E. Tanizaki, M. Bakarezos, N.A. Papadogiannis and M. Tatarakis “MHD Simulation for X-pinch plasma dynamics” EPS2008, 12-15 June 2008, Crete, Greece
- 18) S. Minardi, F. Eilenberger, D. Pliakis, T. Pertsch “Digital in-line holography with the Iterative Shadowgraphic Method” CLEO/IQEC 2010, San Jose, California (US).
- 19) I. Spaleniak, F. Giessler, R. Geiss, S. Minardi, T. Pertsch, R. Neuhäuser, M. Becker, M. Rothhardt, F. Delplancke, A. Richichi, S. Ménardi, C. Schmid “MAMMUT: Mirror vibration metrology for VLTI” SPIE Conference on Astronomical Instrumentation 2010, San Jose, California (US).
- 20) S. Minardi, T. Pertsch, R. Neuhauser “Three dimensional photonic combiner for asterointerferometry” SPIE Conference on Astronomical Instrumentation 2010, San Jose, California (US).
- 21) F. Eilenberger, S. Minardi, T. Pertsch, “Characterization of ultrashort, nonlinearly self-confined wavepackets in waveguide arrays” 10th CUDOS Workshop, 2011
- 22) S. Minardi, L. Labadie, F. Giessler, B. Stecklum, R. Neuhäuser, T. Pertsch, G. Martin, R. Thomson, A. Rodenas, N. Jovanovic, P. Kern, A.K. Kar, “Advanced photonic technologies for optical interferometry” Ten years of VLTI: from first fringes to core science, 24-27 Oct 2011, ESO, Garching, Germany.
- 23) S. Minardi, L. Labadie, S. Lacour “Discrete Optical Multi-Aperture Combiner: instrumental concept” SPIE Conference on Astronomical Instrumentation 2012, Amsterdam, Netherlands, paper 8445-77
- 24) M. Bache, F. Eilenberger, and S. Minardi. “Higher-order Kerr effect and harmonic cascading in gases”. In CLEO Europe, IF/IE–P.41 WED. Munich, Germany (2013).
- 25) F. Eilenberger, M. Bache, S. Minardi, and T. Pertsch. “Pressure tunable cascaded third order nonlinearity and temporal pulse switching” In CLEO Europe, IF–P.2 SUN. Munich, Germany (2013).
- 26) R. Errmann, S. Minardi, T. Pertsch “A broadband scalar optical vortex coronagraph” SPIE Conference on Astronomical Instrumentation 2014, 22-27 June 2014, Montreal (CA).
- 27) R. Errmann, S. Minardi, L. Labadie, F. Dreisow, S. Nolte, T. Pertsch “Integrated optics interferometric four telescopes nuller” SPIE Conference on Astronomical Instrumentation 2014, 22-27 June 2014, Montreal (CA).
- 28) S. Minardi, D. Majus, A. Gopal, G. Tamosauskas, C. Milian, A. Couairon, T. Pertsch, A. Dubietis “Imaging Ultrafast Light-Matter Interaction with Inverse Raman Scattering” Nonlinear Photonics 2014, 27-31 July 2014, Barcelona (Spain).
- 29) J. Tepper, B. Muthusubramanian, L. Labadie, J.-U. Pott, S. Minardi, R. Diener “Accessing the near- and mid-infrared spectral range simultaneously at the VLTI with Chalcogenide based integrated optics devices” EWASS conference, 22-26 June 2015, La Laguna, Tenerife (Spain).
- 30) S. Minardi, G. Cheng, C. D’Amico, R. Stoian, “A Photonic Saturable Absorber in Chalcogenide Glass” CLEO/Europe-EQEC Conference 2015, 21-25 June 2015, Muenchen (Germany).
- 31) R. Diener, S. Minardi, J. Tepper, S. Nolte, L. Labadie “All-in-one 4-telescope beam combination with a zig-zag array of Waveguides” SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-110.
- 32) R. Errmann, S. Minardi “6- and 8-telescope discrete beam combiners” SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-112.
- 33) B. Muthusubramanian, L. Labadie, J.-U. Pott, S. Minardi, J. Tepper, R. Diener “Fringe tracking at longer wavelengths using near- and mid-IR integrated optics devices” SPIE Conference on Astronomical Instrumentation 2016, Edinburgh (UK) paper 9907-115.