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113) **“Gatti di luce ibrida”**

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A. Pirri, E. Sali, C. Corsi, M. Bellini, S. Cavalieri, and R. Eramo
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A. Zavatta, M. Locatelli, C. Polycarpou, J. Fiurasek, and M. Bellini
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153) **“Adaptive Detector for Multimode Quantum Light”**

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ARTICLES IN POPULAR AND SCIENTIFIC PRESS (to be completed)

1) **“La luce e il gatto di Schroedinger”**

M. Bellini

Il Sole 24 Ore, **294**, 34, 24 Ottobre 2004

2) **“Il premio Nobel 2005 per la Fisica a J. L. Hall e T. W. Hansch per i loro contributi allo sviluppo della spettroscopia laser di precisione”**

M. Bellini

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3) **“The quantum mechanics of photon addition and subtraction”**

M. S. Kim and M. Bellini

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4) **“Hybrid Entanglement: a Schrödinger’s Cat Made of Light”**

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Il Colle di Galileo, Firenze University Press, **4(1)**, 39 (2015)

5) **“Zero-area photons: a brief but intense interaction between light and matter”**

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INVITED SEMINARS AND COLLOQUIA

“Generation, manipulation, and tomographic analysis of quantum light states” Queen’s University, Belfast, UK, 11/04/2006

“Generation, manipulation, and tomographic analysis of quantum light states”
University of Maryland, Baltimore, USA, 16/10/2006

“Generation, manipulation, and tomographic analysis of quantum light states”, Department of Physics, University of Pavia, Italy, 19/02/2007

“Probing the quantum nature of light”
Colloquium, Department of Physics, University of Firenze, Italy, 14/04/2008

“Probing the quantum nature of light”
Physikalisches Kolloquium, Rostock University, Rostock, Germany, 19/06/2008

“Advanced quantum light state generation and manipulation by addition and subtraction of single photons”
Colloquium, Max-Planck-Institut für Quantenoptik, Garching, Germany, 18/05/2010

“Manipulating the quantum nature of light by single-photon addition and subtraction”
Research Laboratory of Electronics at MIT, Cambridge, Boston, USA, 5/10/2010

“Manipulating the quantum nature of light by single-photon addition and subtraction”
Imperial College, London, UK, 27/10/2010

“Experimental coherent superpositions of quantum operators for noiseless amplification and advanced state manipulation”
Universidade Federal de São Carlos, São Carlos, Brazil, 9/5/2011

“Experimental coherent superpositions of quantum operators for noiseless amplification and advanced state manipulation”
Instituto de Física da Universidade de São Paulo, São Paulo, Brazil, 10/5/2011

“Probing and manipulating the quantum nature of light”
Colloquium, Department of Physics, University of Padova, Italy, 27/10/2011

“Single-photon-level manipulation and mode analysis of ultrashort quantum light states”
Departamento de Física da Universidade Federal de Pernambuco, Recife, Brazil, 14/5/2013

“Playing with Extreme Light”
Colloquium, Departamento de Física da Universidade Federal de Pernambuco, Recife, Brazil, 11/10/2013

CONTRIBUTIONS TO CONFERENCES

- 1) **"Spettroscopia ad alta risoluzione dell'ozono nel lontano infrarosso"**
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XVI Congresso del Settore di Fisica Atomica e Molecolare GNSM-CNR, Siena, Italy, 21-24/10/1991
- 2) **"High sensitivity precision spectroscopy in the far infrared region"**
M. Bellini, P. De Natale, M. Inguscio and M. Prevedelli,
Proceedings of the Symposium on Atomic and Surface Physics (SASP), Pampeago/Tesero, Italy, 19-25/1/1992
- 3) **"Hyperfine structure and isotope shift in the far infrared ground state transitions of atomic oxygen"**
P. De Natale, M. Bellini, W. Goetz, M. Prevedelli and M. Inguscio,
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- 4) **"Far infrared pure rotational spectrum of ^7LiH and its isotopomers"**
M. Bellini, J. M. Brown, P. De Natale, T. Varberg and M. Inguscio,
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- 5) **"Pressure broadening of the 2.4978 THz rotational lines of HO_2 by N_2 and O_2 "**
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- 6) **"Observation and analysis of the $K=3$ line splitting in the rotational spectra of some symmetric top (C_{3v}) molecules"**
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- 8) **"Laboratory measurements in the Far Infrared for atoms and molecules of astrophysical interest"**
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- 9) **"Coherent Far Infrared Spectroscopy of Molecules of Atmospheric Interest"**
M. Bellini, E. Catacchini, P. De Natale, M. Inguscio, G. Di Lonardo and L. Fusina
CIRP 6, Topical Conference on Infrared Lasers, Monte Verita', Ticino, Switzerland, 29/5-3/6/1994
- 10) **"The Q_{K_A} branches ($K_A = \{2,3,4\}$) of Carbodiimide, HNCNH "**
V. Wagener, M. Bellini and M. Winnewisser
49th International Symposium on Molecular Spectroscopy, Ohio State University, Columbus, Ohio, 13-17/6/94
- 11) **"Tunable FIR spectroscopy of molecules of atmospheric interest: application to H_2O_2 and HOCl "**
M. Bellini, E. Catacchini, F. Cavazza, P. De Natale, L. Fusina
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- 12) **"Stark measurement of dipole moments with a tunable FIR spectrometer"**
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- 13) **"High precision measurements of dipole moments by Stark effect in the Far Infrared region"**
M. Bellini, E. Catacchini, P. De Natale, G. Di Lonardo, L. Fusina, M. Inguscio and G. Modugno

XVIII Congresso del settore di Fisica Atomica e Molecolare del GNSM-CNR e IV Congresso della sezione A dell'INFM, Firenze, Italy, 26-29/10/94

- 14) **"A subpicosecond source of coherent, partially tunable, VUV radiation operating at high repetition rate and suitable for spectroscopic applications"**
C. Altucci, F. Vigilante, R. Bruzzese, C. de Lisio, S. Solimeno, M. Bellini and P. Foggi
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- 15) **"Femtosecond optical Kerr effect in aqueous ionic solutions"**
R. Righini, P. Foggi, M. Bellini, D. Kien, and I. Santa
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- 16) **"High precision measurement of the dipole moment of HOCl by tunable far infrared Stark spectroscopy"**
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- 19) **"Tunable Far infrared spectroscopy of H₂O₂"**
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Generation and application of ultrashort X-ray pulses, Pisa, Italy, 20-23/9/95
- 21) **"A subpicosecond source of coherent, partially tunable, VUV radiation operating at high repetition rate"**
C. Altucci, R. Bruzzese, C. de Lisio, S. Solimeno, F. Vigilante, M. Bellini and P. Foggi
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- 22) **"Ultrafast dynamics in aqueous ionic solutions by femtosecond optical Kerr effect"**
M. Bellini, P. Foggi, D. Kien and R. Righini
IX International symposium on "Ultrafast processes in Spectroscopy" (UPS '95), ICTP, Trieste, Italy, 30/10-3/11/1995
- 23) **"Time resolved relaxation processes near band edge in GaAs"**
A. Cavalleri, M. Bellini and A. M. Malvezzi
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A. Cavalleri, A. M. Malvezzi and M. Bellini
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- 25) **"A femtosecond, high repetition rate source of coherent radiation in the VUV spectral range"**
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- 26) **"Measurement of two photon absorption coefficient of semiconductor nanocrystals by tunable femtosecond pulses"**
G. P. Banfi, V. Degiorgio, D. Fortusini and M. Bellini

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27) **“Two-photon Fourier spectroscopy with femtosecond light pulses”**

M. Bellini, A. Bartoli and T. W. Hänsch

7th International Conference on Multiphoton Processes (ICOMP VII), Garmisch-Partenkirchen, Germany, 30/9-4/10/1996

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C. Altucci, C. Beneduce, R. Bruzzese, F. De Filippo, C. de Lisio, S. Solimeno, M. Bellini and P. Foggi

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29) **“Spettroscopia di Fourier a due fotoni con impulsi ultracorti”**

M. Bellini, A. Bartoli and T. W. Hänsch

XIX Congresso del settore di Fisica Atomica e Molecolare del GNSM-CNR e VI Congresso della sezione A dell'INFM, Perugia, Italy, 23-26/10/96

30) **“Temporal coherence of high-order harmonics”**

C. G. Wahlström, C. Altucci, M. Bellini, M. B. Gaarde, T. W. Hänsch, A. L'Huillier, C. Lyngå and R. Zerne

Applications of high field and short wavelength sources VII, Santa Fe, New Mexico, 19-22/3/1997

31) **“Temporal coherence of ultrashort harmonic pulses: towards coherent spectroscopy in the XUV”**

M. Bellini, E. Pace, P. Foggi, T. W. Hänsch, A. Tozzi and C. Lyngå

VII Congresso della sezione A dell'INFM, Bari, Italy, 14-17/10/97

32) **“Spettroscopia a due fotoni con impulsi ultracorti”**

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LXXXIII Congresso Nazionale della Società Italiana di Fisica, Como, Italy, 27-31/10/97

33) **“Temporal coherence of ultrashort high-order harmonic pulses: towards coherent spectroscopy in the extreme ultraviolet”**

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CLEO/Europe '98 (Conference on Lasers and Electro-Optics) and EQEC '98 (European Quantum Electronics Conference), Scottish Exhibition and Conference Centre, Glasgow, Scotland, UK, 14-18/9/1998

35) **“Coerenza temporale di impulsi armonici ultracorti”**

M. Bellini

LXXXIV Congresso nazionale della Società italiana di Fisica, Salerno, 28/9-2/10/1998

36) **“High-order harmonic generation: a tunable source of coherent radiation for spectroscopy in the XUV”**

M. Bellini

Intense laser fields: X-ray generation and applications, European users meeting, Centre de Physique Des Houches, Les Houches, France, 8-11/3/1999

37) **“Generation of ultrashort tunable pulses from the mid-IR to the XUV”**

M. Bellini

Ultraintense Laser Interactions and Applications, ULIA-1, Elounda, Crete, Greece, 7-11/5/1999

38) **“Phase-coherent, time-delayed harmonic pulses for high resolution spectroscopy in the XUV”**

M. Bellini, S. Cavalieri, C. Corsi and M. Materazzi

International Conference on Atomic Physics, ICAP 2000, Firenze, Italy, 4-9/6/2000

39) **“Phase locked white light continuum pulses: towards a universal optical frequency comb synthesizer”**

M. Bellini and T. W. Hänsch

International Conference on Atomic Physics, ICAP 2000, Firenze, Italy, 4-9/6/2000

40) **“Phase-coherent, time-delayed harmonic pulses for high resolution spectroscopy in the XUV”**

M. Bellini, S. Cavalieri, C. Corsi and M. Materazzi

Matter in Super-Intense Laser Fields, Euresco Conference, Acquafredda di Maratea, Italy, 9-14/9/2000

41) **“Phase locked white light continuum pulses: towards a universal optical frequency comb synthesizer”**

M. Bellini and T. W. Hänsch

Matter in Super-Intense Laser Fields, Euresco Conference, Acquafredda di Maratea, Italy, 9-14/9/2000

42) **“Towards high resolution spectroscopy in the XUV with phase-locked harmonic pulses”**

M. Bellini, S. Cavalieri, C. Corsi and M. Materazzi

Ultraintense Laser Interactions and Applications, ULIA 2, Pisa, Italy, 29/9-03/10/2000

43) **“Generation and applications of phase-locked white light continuum pulses”**

M. Bellini and T. W. Hänsch

Ultraintense Laser Interactions and Applications, ULIA 2, Pisa, Italy, 29/9-03/10/2000

44) **“XUV interferometry using high-order harmonics: application to plasma diagnostics”**

J.-F. Hergott, P. Salières, B. Carré, H. Merdji, L. LeDeroff, T. Auguste, P. Monot, P. d’Oliveira, D. Descamps, J. Norin, C. Lyngå, A. L’Huillier, C.-G. Wahlström, M. Bellini, and T. W. Hänsch

Ultraintense Laser Interactions and Applications, ULIA 2, Pisa, Italy, 29/9-03/10/2000

45) **“Quantum state reconstruction by high-frequency, time-domain, homodyne tomography”**

A. Zavatta, M. Bellini, P. L. Ramazza, F. Marin and F. T. Arecchi

7th International Conference on Squeezed States and Uncertainty Relations, ICSSUR 2001, Boston, USA, 4-8/6/2001

46) **“High-frequency, time-domain, optical homodyne tomography”**

M. Bellini, P. L. Ramazza, A. Zavatta, F. Marin and F. T. Arecchi

Eight Rochester Conference on Coherence and Quantum Optics, CQO8, Rochester NY, USA, 13-16/6/2001

47) **“Neutral depletion and beam defocusing in harmonic generation from strongly ionized media”**

M. Bellini

Matter in Super-Intense Laser Fields, Euresco Conference, San Feliu de Guixols, Spain, 29/9-4/10/2001

48) **“Nonlocal pulse shaping with entangled photon pairs”**

M. Bellini, S. Viciani, F. T. Arecchi, F. Marin and A. Zavatta

International Quantum Electronics Conference, IQEC 2002, Moscow, Russia, 22-27/6/2002

49) **(Invited) “Highly nonlinear interactions and sources of phase-coherent “extreme” light pulses”**

M. Bellini

Recent trends in nonlinear optics and ultra-short pulse generation, Pavia, Italy, 15-16/6/2003

50) **(Invited) “Generation and applications of XUV harmonics”**

M. Bellini

International Conference on Ultrashort high-energy radiation and matter, Villa Monastero, Varenna, Italy, 7-10/10/2003

51) **“XUV Ramsey spectroscopy with high-order harmonics”**

M. Bellini, S. Cavalieri, C. Corsi, R. Eramo and M. Materazzi

Applications of high-field and short-wavelength sources X, Biarritz, France, 12-15/10/2003

52) **(Invited) “Experiments with time-frequency entangled photon pairs”**

M. Bellini

Advances in foundations of quantum mechanics and quantum information with atoms and photons, Torino, Italy, 26-28/4/2004

- 53) **“Mutually coherent high-order harmonic pulses for XUV Ramsey spectroscopy”**
M. Bellini, S. Cavalieri, C. Corsi, R. Eramo and M. Materazzi
13th International Laser Physics Workshop (LPHYS'04), Trieste, Italy, 12-16/7/2004
- 54) **“Selective control of fourth-order interferences by means of comb-like two-photon entangled states”**
A. Zavatta, S. Viciani and M. Bellini
Seventh International Conference on Quantum Communication, Measurement and Computing (QCMC'04), Glasgow, UK, 25-29/7/2004
- 55) **“Comb-like two-photon entangled states for the selective control of fourth-order interferences”**
A. Zavatta, S. Viciani and M. Bellini
Quantum Information Processing and Communication Workshop (V QIPC '04), Roma, Italy, 20-22/9/2004
- 56) **“Optical Coherence Tomography for painting diagnostics: a novel application”**
F. T. Arecchi, M. Bellini, C. Corsi, R. Fontana, M. Materazzi, L. Pezzati and A. Tortora
International Topical Meeting on Optical Sensing and Artificial Vision (OSAV 2004), Saint Petersburg, Russia, 19-21/10/2004
- 57) **“Single-photon excitation of coherent states: a bridge from the particle to the wave character of light”**
A. Zavatta, S. Viciani and M. Bellini
9th International Conference on Squeezed States and Uncertainty Relations (ICSSUR '05), Besancon, France, 2-6/5/2005
- 58) **“Generation and phase-space characterization of coherent states of light excited by a single photon”**
A. Zavatta, S. Viciani and M. Bellini
International Conference on Coherent and Nonlinear Optics (ICONO 2005), St. Petersburg, Russia, 11-15/5/2005
- 59) **“Experiments on the mutual phase coherence of supercontinuum pulses generated in bulk media”**
A. Tortora, C. Corsi and M. Bellini
International Conference on Coherent and Nonlinear Optics (ICONO 2005), St. Petersburg, Russia, 11-15/5/2005
- 60) **“Optical coherence tomography for painting diagnostics”**
F. T. Arecchi, M. Bellini, R. Fontana, M. Materazzi, L. Pezzati, A. Tortora and C. Corsi
International Conference on Lasers, Applications, and Technologies (LAT 2005), St. Petersburg, Russia, 11-15/5/2005
- 61) **(Invited) “Applications of the coherence properties of high-order harmonics”**
M. Bellini
Ultra short XUV pulses for time-resolved and non-linear applications (XTRA Summer School), Porquerolles, France, 25-28/5/2005
- 62) **“Generation and tomographic analysis of novel quantum light states”**
A. Zavatta, S. Viciani, M. Bellini and V. Parigi
CLEO/Europe-EQEC 2005 Conference, Munich, Germany, 12-17/6/2005
- 63) **“Novel application of optical coherence tomography for painting diagnostics”**
F. T. Arecchi, M. Bellini, C. Corsi, R. Fontana, M. Materazzi, L. Pezzati and A. Tortora
Optical Methods for Arts and Archaeology, (SPIE International Symposium on Optical Metrology), Munich, Germany, 13-17/6/2005
- 64) **(Invited) “From quantum to classical: watching a single photon become a wave”**
A. Zavatta, S. Viciani and M. Bellini
The Nature of Light: What is a Photon? (SPIE Symposium on Optics & Photonics), San Diego, USA, 31/7-4/8/2005
- 65) **(Invited) “Catching the elementary step of excitation of a coherent light state by a single photon”**
A. Zavatta, S. Viciani and M. Bellini
Quantum Communications and Quantum Imaging III (SPIE Symposium on Optics & Photonics), San Diego, USA, 31/7-4/8/2005
- 66) **(Invited) “Generation and applications of high order harmonics – state of the art”**

M. Bellini

European Workshop on "Plasma-based X-ray Lasers: Status and Prospects", Prague, Czech Republic, 1-2/9/2005

67) **(Invited) "Remotely-prepared single-photon time-encoded ebits: homodyne tomography and Bell's inequality test"**

M. D'Angelo, A. Zavatta, V. Parigi, M. Bellini

36th Winter Colloquium on The Physics of Quantum Electronics, Snowbird, Utah, USA, 2-6/1/2006

68) **(Invited) "Quantum tomography of time-delocalized single photons"**

M. Bellini, A. Zavatta, M. D'Angelo, V. Parigi

Advances in foundations of quantum mechanics and quantum information with atoms and photons, Torino, Italy, 2-5/5/2006

69) **(Invited) "High-order laser harmonics: a source of coherent radiation in the extreme UV and attosecond pulses"**

M. Bellini

Short Course - Advances in Optical Technologies for Environment and Industries, Cagliari, Italy, 25-26/5/2006

70) **"Direct interferometric measurement of the atomic dipole phase in high-order harmonic generation"**

C. Corsi, A. Pirri, E. Sali, A. Tortora, M. Bellini

2006 Conference on Super Intense Laser Atom Physics, Salamanca, Spain, 19-22/6/2006

71) **"Direct interferometric measurement of the atomic dipole phase in high-order harmonic generation"**

C. Corsi, A. Pirri, E. Sali, A. Tortora, and M. Bellini

15th International Laser Physics Workshop (LPHYS'06), Lausanne, Switzerland 24-28/7/2006

72) **(Invited) "Tomographic characterization and Bell's inequality test for remotely-prepared, single-photon, time-encoded, ebits"**

A. Zavatta, V. Parigi, M. D'Angelo, M. Bellini

15th International Laser Physics Workshop (LPHYS'06), Lausanne, Switzerland 24-28/7/2006

73) **(Invited) "Remotely-prepared single-photon time-encoded ebits: tomographic characterization and Bell's inequality test"**

M. D'Angelo, A. Zavatta, V. Parigi, M. Bellini

Quantum Communications and Quantum Imaging IV (SPIE Symposium on Optics & Photonics), San Diego, USA, 13-14/8/2006

74) **(Invited) "Generation of nonclassical states from thermal radiation"**

A. Zavatta, M. D'Angelo, V. Parigi, M. Bellini

Quantum Communications and Quantum Imaging IV (SPIE Symposium on Optics & Photonics), San Diego, USA, 13-14/8/2006

75) **(Invited) "Generation, manipulation, and tomographic analysis of quantum light states"**

A. Zavatta, M. D'Angelo, V. Parigi, M. Bellini

Classical and Quantum Interference Workshop, Olomouc, Czech Republic 28-29/9/2006

76) **(Invited) "Generation and tomographic analysis of temporally-delocalized single photons"**

A. Zavatta, V. Parigi, M. D'Angelo, M. Bellini

Frontiers in Optics 2006 and Laser Science XXII, 90th OSA Annual Meeting, Rochester, USA, 8-12/10/2006

77) **"Experimental nonclassicality of single-photon-added thermal light states"**

A. Zavatta, V. Parigi, M. Bellini

Eighth International Conference on Quantum Communication, Measurement, and Computing (QCMC2006), Tsukuba, Japan, 1-4/12/2006

78) **"Remotely-prepared, time-encoded, single-photon entangled states: tomographic characterization and Bell's inequality test"**

A. Zavatta, M. D'Angelo, V. Parigi, M. Bellini

Eighth International Conference on Quantum Communication, Measurement, and Computing (QCMC2006), Tsukuba, Japan, 1-4/12/2006

79) **“Thermal light manipulation by addition or subtraction of single photons”**

A. Zavatta, V. Parigi, M. Bellini

Ninth Rochester Conference on Coherence and Quantum Optics, CQO9, Rochester NY, USA, 10-13/6/2007

80) **(Invited) “Manipulating thermal light states by the controlled addition and subtraction of single photons”**

A. Zavatta, V. Parigi, M. Bellini

16th International Laser Physics Workshop (LPHYS'07), Leon, Mexico, 20-24/8/2007

81) **(Invited) “High-order laser harmonics: a new coherent source for high-resolution spectroscopy in the extreme ultraviolet”**

M. Bellini

High Resolution Molecular Spectroscopy HRMS, 20th Colloquium, Dijon, France, 3-7/9/2007

82) **“Generation and characterization of quantum states of light”**

A. Zavatta, V. Parigi, M. Bellini

Quantum Astronomy Meeting, Asiago, Italy, 5/9/2007

83) **(Invited) “High-order laser harmonics: a novel tool for high-resolution spectroscopy in the extreme ultraviolet”**

M. Bellini

International Symposium on Ultrafast Intense Laser Science - ISUILS6, Pisa, Italy, 23-29/9/2007

84) **“Analisi multispettrale e tomografia ottica coerente per l'analisi dello strato pittorico ed il controllo della pulitura”**

M. Bellini, R. Bellucci, P. Carcagnì, R. Fontana, M. Greco, M. Mastroianni, M. Materazzi, E. Pampaloni, L. Pezzati

Giornata di studio: “Il dipinto di Antonello da Messina a Palazzo Madama: Indagini conoscitive e restauro”, Torino, Italy, 7/6/2007

85) **“Quantum Commutation Rules with Single-Photon Creation and Annihilation Operators”**

A. Zavatta, V. Parigi, M. S. Kim, M. Bellini

New Frontiers in Micro and Nano Photonics, Firenze, Italy, 23-26/4/2008

86) **“Probing quantum commutation rules by adding and subtracting single photons to/from a light field”**

A. Zavatta, V. Parigi, M. S. Kim, M. Bellini

Quantum Astronomy Meeting, Bled Lake, Slovenia, 26-28/3/2008

87) **(Invited) “Probing fundamental quantum rules by experimental implementation of photon creation and annihilation operators”**

A. Zavatta, V. Parigi, M. Bellini

Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons, Torino, Italy, 19-23/5/2008

88) **(Invited) “Generation and tomographic analysis of quantum states of light”**

A. Zavatta, V. Parigi, M. Bellini

CEWQO 2008 - 15th Central European Workshop on Quantum Optics 2008, Belgrade, Serbia, 30/5-3/6 2008

89) **(Invited) “Probing Quantum Rules with Single-Photon Creation and Annihilation Operators”**

A. Zavatta, V. Parigi, M. Bellini

Quantum Entanglement and Decoherence: 3rd International Conference on Quantum Information (ICQI), Boston, USA, 13-16/7/2008

90) **(Invited) “Probing the Quantum Nature of Light”**

A. Zavatta, V. Parigi, M. Bellini

The Fifth National Meeting on Quantum, Atomic, Molecular and Plasma Physics, QuAMP V, Nottingham, UK, 9-12/9/2008

- 91) **(Invited) “Implementing single-photon creation and annihilation operators for fundamental tests of physics”**
A. Zavatta, V. Parigi, M. Bellini
IQIS2008- Italian Quantum Information Science Conference 2008, Camerino, Italy, 24-29/10/2008
- 92) **(Invited) “Experimental single-photon creation and annihilation for fundamental tests of physics and quantum state engineering “**
M. Bellini
SCALA 2009 - International Conference on Scalable Quantum Computing with Light and Atoms, Cortina D’Ampezzo, Italy, 15-22/2/2009
- 93) **“Ramsey-Type Spectroscopy in the XUV spectral region”**
A. Pirri, E. Sali, S. Cavalieri, M. Bellini, C. Corsi, R. Eramo
Ultra-Intense Laser Interaction Science conference (ULIS2009), Frascati, Italy, 24-29/5/2009
- 94) **(Invited) “Arbitrary superpositions of quantum operators and direct experimental proof of commutation relations”**
M. Bellini
Quantum Optics VII, Quantum Engineering of Atoms and Photons, Zakopane, Poland, 8-12/6/2009
- 95) **“Experimental proof of commutation rules by superpositions of quantum operators”**
M. Bellini
11th International Conference on Squeezed States and Uncertainty Relations (ICSSUR ’09), Olomouc, Czech Republic, 22-26/6/2009
- 96) **“Ramsey spectroscopy with high-order harmonics in the XUV”**
A. Pirri, E. Sali, S. Cavalieri, M. Bellini, C. Corsi, R. Eramo
18th International Laser Physics Workshop (LPHYS’07), Barcelona, Spain, 13-17/7/2009
- 97) **“Superpositions of bosonic operator sequences by single-photon interference”**
M.S. Kim, H. Jeong, A. Zavatta, V. Parigi, M. Bellini
18th International Laser Physics Workshop (LPHYS’07), Barcelona, Spain, 13-17/7/2009
- 98) **“Ramsey spectroscopy of atomic bound states with extreme ultraviolet laser harmonics”**
I. Lontos, C. Corsi, R. Eramo, S. Cavalieri, M. Bellini
UltraFast Optics (UFO VII) and High Field Short Wavelength (HFSW XIII) Conference, Arcachon, France, 31/8-4/9/2009
- 99) **“Producing and manipulating quantum light states by single-photon addition and subtraction”**
A. Zavatta, V. Parigi, C. Polycarpou, M. Bellini
Fotonica 2010, Pisa 25-27/5/2010
- 100) **“Ramsey spectroscopy of atomic bound states with extreme ultraviolet laser harmonics”**
I. Lontos, C. Corsi, R. Eramo, S. Cavalieri and M. Bellini
Fotonica 2010, Pisa 25-27/5/2010
- 101) **(Invited) “Manipulating light states by single-photon addition and subtraction”**
M. Bellini, A. Zavatta, V. Parigi
5th Workshop ad memoriam of Carlo Novero, Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons, Torino, Italy, 23-29/5/2010
- 102) **(Invited) “Advanced quantum state generation and manipulation by adding and subtracting single photons”**
M. Bellini, A. Zavatta, C. Polycarpou, M. Locatelli
XIII International Conference on Quantum Optics and Quantum Information, Kiev, Ukraine, 28/5-1/6/2010
- 103) **(Invited) “Producing and manipulating quantum light states by single-photon addition and subtraction”**
M. Bellini
17th Central European Workshop on Quantum Optics (CEWQO 2010), St. Andrews, UK, 6-11/6/2010
- 104) **(Invited) “Manipulating light states by single-photon addition and subtraction”**

M. Bellini

CV-QIP'10: 7th Workshop on Continuous-Variable Quantum Information Processing, Herrsching (Ammersee), Germany, 11-14/6/2010

105) **“Random sampling Fourier Transform spectroscopy in the extreme ultraviolet”**

R. Eramo, M. Bellini, S. Cavalieri, C. Corsi, and I. Lontos

Tenth European Conference on Atoms Molecules and Photons (ECAMP X), Salamanca, Spain, 4-9/7/2010

106) **(Invited) “Manipulating light states by single-photon addition and subtraction”**

M. Bellini

Workshop on Transport in Complex Quantum Systems, Novara, Italy, 5-7/7/2010

107) **“Experimental realization of quantum operations by single-photon addition and subtraction”**

A. Zavatta, C. Polycarpou, M. Locatelli, M. Bellini

Società Italiana di Fisica, XCVI Congresso Nazionale, Bologna, 20-24/9/2010

108) **(Invited) “High-fidelity noiseless amplification by photon addition and subtraction”**

A. Zavatta, M. Locatelli, C. Polycarpou, J. Fiurasek, and M. Bellini

SPIE Optics + Optoelectronics, Prague, Czech Republic, 18-21/4/2011

109) **(Invited) “Experimental coherent superpositions of quantum operators for noiseless amplification and advanced state manipulation”**

A. Zavatta, M. Locatelli, C. Polycarpou, and M. Bellini

Fourth Italian Quantum information science conference, Vietri sul Mare, Italy, 18-20/4/2011

110) **“High-fidelity noiseless amplification of light”**

A. Zavatta, M. Locatelli, C. Polycarpou, and M. Bellini

Fotonica 2011, Genova 9-11/5/2011

111) **“Experimental coherent superpositions of quantum operators for noiseless amplification and advanced state manipulation”**

A. Zavatta, M. Locatelli, C. Polycarpou, and M. Bellini

12th International Conference on Squeezed States and Uncertainty Relations (ICSSUR) and 5th Feynman Festival (FEYNFEST), Foz do Iguazu, Brazil, 2-6/5/2011

112) **“Random-sampling Ramsey-like spectroscopy in the XUV”**

R. Eramo, I. Lontos, S. Cavalieri, C. Corsi and M. Bellini

20th International Conference on Laser Spectroscopy (ICOLS 2011), Aerzen, Germany, 30/5-3/6/2011

113) **(Invited) “Photon addition and subtraction for noiseless amplification and advanced state manipulation”**

A. Zavatta, M. Locatelli, C. Polycarpou, and M. Bellini

18th Central European Workshop on Quantum Optics, Madrid, Spain, 30/5-3/6/2011

114) **(Invited) “Coherent superpositions of photon additions and subtractions for noiseless amplification and advanced quantum state manipulation”**

A. Zavatta, M. Locatelli, C. Polycarpou, and M. Bellini

International Conference on Quantum Information (ICQI), Ottawa, Canada, 6-8/6/2011

115) **(Invited) “Single-photon-level light manipulation and amplification”**

A. Zavatta, C. Polycarpou, and M. Bellini

Conference on Quantum Information and Quantum Control (CQIQC IV), Toronto, Canada, 8-12/8/2011

116) **(Invited) “Manipulating pulsed light at the single-photon level and investigating the “shape” of ultrashort quantum states”**

A. Zavatta, K. Cassemiro, G. Venturi, C. Polycarpou, and M. Bellini

Quantum Technologies: Information, Communication and Computation (Italy-TWIns-Waseda 2011), Tokyo, Japan, 7-8/11/2011

- 117) **(Invited) “Manipulating pulsed light at the single-photon level and investigating the “shape” of ultrashort quantum states”**
A. Zavatta, K. Cassemiro, G. Venturi, C. Polycarpou, and M. Bellini
The International Meeting on Quantum Foundations and Quantum Information 2011 (QFQI2011), Seoul, South Korea, 16-17/11/2011
- 118) **(Post-deadline) “Adaptive measurement of the spectral and temporal shape of ultrashort single photons for higher-dimensional quantum information processing”**
A. Zavatta, C. Polycarpou, K. N. Cassemiro, G. Venturi, and M. Bellini
Quantum Information and Measurement (QIM), Berlin, Germany, 19-21/03/2012
- 119) **(Invited) “Manipulation of quantum light at the single-photon level and by ultrafast pulse-shaping techniques”**
A. Zavatta
Continuous Variable Quantum Information Processing 2012 (CVQIP'12), Copenhagen, Denmark, 26-30/04/2012
- 120) **“Time-Frequency Characterisation of Ultrashort Single-Photon Pulses”**
G. Venturi, C. Polycarpou, K. N. Cassemiro, A. Zavatta, and M. Bellini
Fotonica 2012, 14° Convegno Nazionale delle Tecnologie fotoniche, Firenze, Italy, 15-17/05/2012
- 121) **“Random-Sampling Fourier Transform Spectroscopy in the Extreme Ultraviolet”**
R. Eramo, M. Bellini, C. Corsi, I. Lontos, and S. Cavalieri
Fotonica 2012, 14° Convegno Nazionale delle Tecnologie fotoniche, Firenze, Italy, 15-17/05/2012
- 122) **(Invited) “Manipulating pulsed light at the single-photon level and investigating the “shape” of ultrashort quantum states”**
A. Zavatta, C. Polycarpou, K. N. Cassemiro, G. Venturi, M. Bellini
6th Workshop ad memoriam of Carlo Novero, Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons (Quantum 2012), Torino, Italy, 20-25/05/2012
- 123) **(Invited) “Adaptively detecting and harnessing the spectrotemporal shape of ultrashort quantum light states”**
C. Polycarpou, K. Cassemiro, G. Venturi, A. Zavatta, and M. Bellini
5th Italian Quantum Information Science Conference (IQIS 2012), Padova, Italy, 26-28/09/2012
- 124) **“Adaptive homodyne detection of quantum light states”**
C. Polycarpou, K. Cassemiro, G. Venturi, A. Zavatta, and M. Bellini
Continuous-Variable Quantum Information Processing Workshop (CVQIP'2013), Paris, France, 30/01-01/02/2013
- 125) **(Invited) “Single-photon-level manipulation and mode analysis of ultrashort quantum light states”**
M. Bellini
Photons beyond Qubits Workshop 2013, Olomouc, Czech Republic, 08-10/04/2013
- 126) **(Invited) “Manipulation and analysis of quantum states of light in the frequency-time domain”**
A. Zavatta, C. Polycarpou, S. Grandi, L. Costanzo, and M. Bellini
20th Central European Workshop on Quantum Optics, Stockholm, Sweden, 16-20/6/2013
- 127) **(Invited) “Mode-selective generation and analysis of ultrashort quantum light states”**
M. Bellini
13th International Conference on Squeezed States and Uncertainty Relations (ICSSUR 2013), Nuremberg, Germany, 24-28/06/2013
- 128) **(Invited) “Mode-selective generation and analysis of ultrashort quantum light states in the time-frequency domain”**
M. Bellini, A. Zavatta, C. Polycarpou, S. Grandi, L. Costanzo, A. Coelho
6th Italian Quantum Information Science Conference (IQIS2013), Como, Italy, 24-26/09/2013
- 129) **(Invited) “Experimental operator sequences and superpositions for noiseless amplification and hybrid entanglement”**
M. Bellini

Workshop on Quantum Metrology, Interaction, and Causal Structure, Beijing, China, 9-13/12/2013

130) **(Invited) “Hybrid quantum-classical entangled states”**

M. Bellini

Photons beyond Qubits Workshop 2014, Olomouc, Czech Republic, 14-17/04/2014

131) **“Multimode photonic quantum states in the frequency and time domain”**

A. Coelho, L.S. Costanzo, A. Zavatta, and M. Bellini

Fotonica 2014, 16° Convegno Nazionale delle Tecnologie fotoniche, Napoli, Italy, 12-14/05/2014

132) **(Invited) “Generating hybrid quantum-classical entangled states of light”**

H. Jeong, A. Zavatta, M. Kang, S.-W. Lee, L.S. Costanzo, S. Grandi, T.C. Ralph, and M. Bellini

Workshop ad memoriam of Carlo Novero, Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons (Quantum 2014), Torino, Italy, 25-31/05/2014

133) **(Invited) “Generating hybrid quantum-classical entangled states of light”**

M. Bellini

21st Central European Workshop on Quantum Optics (CEWQO 2014), Bruxelles, Belgium, 23-27/06/2014

134) **“Generating hybrid quantum-classical entangled states of light”**

M. Bellini

INO Annual Symposium 2014, Brescia, Italy, 1-3/10/2014

135) **(Invited) “A quantum state orthogonalizer and CV qubit generator”**

M. Bellini

Photons beyond Qubits Workshop 2015, Olomouc, Czech Republic, 16-18/03/2015

136) **(Invited) “Continuous-variable state orthogonalizer and qubit generator”**

M. Bellini, A. Coelho, L. Costanzo, A. Zavatta, C. Hughes and M.S. Kim,

14th International Conference on Squeezed States and Uncertainty Relations (ICSSUR 2015), Gdansk, Poland, 29/06-03/07/2015

137) **(Invited) “Continuous variable quantum optics”**

M. Bellini

PICQUE Roma Scientific School, Scientific School in integrated quantum photonics applications: from simulation to sensing, Rome, Italy, 6-10/07/2015

138) **(Invited) “XUV frequency metrology”**

M. Bellini

EXTREME LIGHT INFRASTRUCTURE (ELI) Workshop, CNR Headquarters, Rome, Italy, 09/10/2015

139) **(Invited) “Zero-Area Ultrashort Single Photons”**

M. Bellini, L.S. Costanzo, A.S. Coelho, D. Pellegrino, M.S. Mendes, L. Acioli, K. Cassemiro, D. Felinto, and A. Zavatta

Frontiers in Optics: The 99th OSA Annual Meeting and Exhibit/Laser Science XXXI (FIO/LS 2015), San Jose, California, USA, 18-22/10/2015

140) **(Invited) “Shaping ultrashort single photons”**

M. Bellini

Spectral and Spatial Engineering of Quantum Light, Warsaw, Poland, 30/03-01/04/2016

141) **(Invited) “Manipulating the shape of ultrashort single photons”**

M. Bellini

9th Italian Quantum Information Science Conference (IQIS 2016), Rome, Italy, 20-23/09/2016

142) **(Invited) “Measurement-induced quantum state engineering and emulation of strong optical nonlinearities”**

M. Bellini

QUANTUM 2017 – Workshop ad memoriam of Carlo Novero, Torino, Italy, 7-13/05/2017

143) **(Invited) “Measurement-induced quantum state engineering and emulation of strong optical nonlinearities”**

M. Bellini

24th Central European Workshop on Quantum Optics (CEWQO 2017), Lyngby, Denmark, 26-30/06/2017

57 Invited Presentations

PARTICIPATION TO CONFERENCES AND SCHOOLS

- *International School of Physics "Enrico Fermi", course CXX, "Frontiers in Laser Spectroscopy", Villa Monastero, Varenna (CO), Italy, 23/6-3/7/1992*
- *XIII Colloquium on High Resolution Molecular Spectroscopy, Riccione, Italy, 13-17/9/1993*
- *IV European Quantum Electronics Conference and VII Italian Conference on Quantum Electronics, Firenze, Italy, 10-13/9/1993*
- *Secondo convegno italiano di spettroscopia e dinamica delle molecole interstellari, Rovereto, (Trento), Italy, 18-20/11/1993*
- *XVIII Congresso del settore di Fisica Atomica e Molecolare del GNSM-CNR e IV Congresso della sezione A dell'INFM, Firenze, Italy, 26-29/10/94*
- *Twelfth International Conference on Laser Spectroscopy (TWICOLS '95), Island of Capri, Italy, 11-16/6/95*
- *Generation and application of ultrashort X-ray pulses -II-, Pisa, Italy, 20-23/9/95*
- *7th International Conference on Multiphoton Processes (ICOMP VII), Garmisch-Partenkirchen, Germany, 30/9-4/10/1996*
- *XIX Congresso del settore di Fisica Atomica e Molecolare del GNSM-CNR e VI Congresso della sezione A dell'INFM, Perugia, Italy, 23-26/10/96*
- *VII Congresso della sezione A dell'INFM, Bari, Italy, 23-26/10/97*
- *The Sixth European Conference on Atomic and Molecular Physics (ECAMP VI), Siena, Italy, 14-18/7/1998*
- *CLEO/Europe '98 (Conference on Lasers and Electro-Optics) and EQEC '98 (European Quantum Electronics Conference), Scottish Exhibition and Conference Centre, Glasgow, Scotland, UK, 14-18/9/1998*
- *LXXXIV Congresso nazionale della Società italiana di Fisica, Salerno, 28/9-2/10/1998*
- *Intense laser fields: X-ray generation and applications, Euroepan users meeting, Centre de Physique Des Houches, Les Houches, France, 8-11/3/1999*
- *Ultraintense Laser Interactions and Applications, ULIA-1, Elounda, Crete, Greece, 7-11/5/1999*
- *International Conference on Atomic Physics, ICAP 2000, Firenze, Italy, 4-9/6/2000*
- *Matter in Super-Intense Laser Fields, Euresco Conference, Acquafredda di Maratea, Italy, 9-14/9/2000*
- *Ultraintense Laser Interactions and Applications, ULIA 2, Pisa, Italy, 29/9-03/10/2000*
- *Eight Rochester Conference on Coherence and Quantum Optics, CQO8, Rochester NY, USA, 13-16/6/2001*
- *Matter in Super-Intense Laser Fields, Euresco Conference, San Feliu de Guixols, Spain, 29/9-4/19/2001*
- *International Quantum Electronics Conference, IQEC 2002, Moscow, Russia, 22-27/6/2002*
- *Recent trends in nonlinear optics and ultra-short pulse generation, Pavia, Italy, 15-16/6/2003*

- *International Conference on Ultrashort high-energy radiation and matter*, Villa Monastero, Varenna, Italy, 7-10/10/2003
- *Applications of high-field and short-wavelength sources X*, Biarritz, France, 12-15/10/2003
- *Attosecond generation, metrology and applications*, Ringberg Castle, Rottach-Egern, Germany, 4-7/4/2004
- *Advances in foundations of quantum mechanics and quantum information with atoms and photons*, Torino, Italy, 26-28/4/2004
- *9th International Conference on Squeezed States and Uncertainty Relations (ICSSUR '05)*, Besancon, France, 2-6/5/2005
- *International Conference on Coherent and Nonlinear Optics (ICONO 2005)*, St. Petersburg, Russia, 11-15/5/2005
- *International Conference on Lasers, Applications, and Technologies (LAT 2005)*, St. Petersburg, Russia, 11-15/5/2005
- *Ultra short XUV pulses for time-resolved and non-linear applications (XTRA Summer School)*, Porquerolles, France, 25-28/5/2005
- *The Nature of Light: What is a Photon? (SPIE Symposium on Optics & Photonics)*, San Diego, USA, 31/7-4/8/2005
- *Quantum Communications and Quantum Imaging III (SPIE Symposium on Optics & Photonics)*, San Diego, USA, 31/7-4/8/2005
- *European Workshop on "Plasma-based X-ray Lasers: Status and Prospects"*, Prague, Czech Republic, 1-2/9/2005
- *Advances in foundations of quantum mechanics and quantum information with atoms and photons*, Torino, Italy, 2-5/5/2006
- *Advances in Optical Technologies for Environment and Industries*, Cagliari, Italy, 25-26/5/2006
- *2006 Conference on Super Intense Laser Atom Physics*, Salamanca, Spain, 19-22/6/2006
- *Frontiers in Optics 2006 and Laser Science XXII, 90th OSA Annual Meeting*, Rochester, USA, 8-12/10/2006
- *Ninth Rochester Conference on Coherence and Quantum Optics, CQO9*, Rochester NY, USA, 10-13/6/2007
- *Laser Physics 2007*, Leon, Mexico, 20-24/8/2007
- *High Resolution Molecular Spectroscopy HRMS, 20th Colloquium*, Dijon, France, 3-7/9/2007
- *International Symposium on Ultrafast Intense Laser Science - ISUILS6*, Pisa, Italy, 23-29/9/2007
- *Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons*, Torino, Italy, 19-23/5/2008
- *CEWQO 2008 - 15th Central European Workshop on Quantum Optics 2008*, Belgrade, Serbia, 30/5-3/6 2008
- *Quantum Entanglement and Decoherence: 3rd International Conference on Quantum Information (ICQI)*, Boston, USA, 13-16/7/2008
- *The Fifth National Meeting on Quantum, Atomic, Molecular and Plasma Physics, QuAMP V*, Nottingham, UK, 9-12/9/2008
- *IQIS2008- Italian Quantum Information Science Conference 2008*, Camerino, Italy, 24-29/10/2008

- *SCALA 2009 - International Conference on Scalable Quantum Computing with Light and Atoms*, Cortina D'Ampezzo, Italy, 15-22/2/2009
- *Quantum Optics VII, Quantum Engineering of Atoms and Photons*, Zakopane, Poland, 8-12/6/2009
- *11th International Conference on Squeezed States and Uncertainty Relations (ICSSUR '09)*, Olomouc, Czech Republic, 22-26/6/2009
- *5th Workshop ad memoriam of Carlo Novero, Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons*, Torino, Italy, 23-29/5/2010
- *XIII International Conference on Quantum Optics and Quantum Information*, Kiev, Ukraine, 28/5-1/6/2010
- *17th Central European Workshop on Quantum Optics (CEWQO 2010)*, St. Andrews, UK, 6-11/6/2010
- *CV-QIP'10: 7th Workshop on Continuous-Variable Quantum Information Processing*, Herrsching (Ammersee), Germany, 11-14/6/2010
- *Workshop on Transport in Complex Quantum Systems*, Novara, Italy, 5-7/7/2010
- *Fourth Italian Quantum information science conference*, Vietri sul Mare, Italy, 18-20/4/2011
- *12th International Conference on Squeezed States and Uncertainty Relations (ICSSUR) and 5th Feynman Festival (FEYNFEST)*, Foz do Iguazu, Brazil, 2-6/5/2011
- *18th Central European Workshop on Quantum Optics*, Madrid, Spain, 30/5-3/6/2011
- *International Conference on Quantum Information (ICQI)*, Ottawa, Canada, 6-8/6/2011
- *Conference on Quantum Information and Quantum Control (CQIQC IV)*, Toronto, Canada, 8-12/8/2011
- *Quantum Technologies: Information, Communication and Computation (Italy-TWIns-Waseda 2011)*, Tokyo, Japan, 7-8/11/2011
- *The International Meeting on Quantum Foundations and Quantum Information 2011 (QFQI2011)*, Seoul, South Korea, 16-17/11/2011
- *5th Italian Quantum Information Science Conference (IQIS 2012)*, Padova, Italy, 26-28/09/2012
- *Continuous-Variable Quantum Information Processing Workshop (CVQIP'2013)*, Paris, France, 30/01-01/02/2013
- *Photons beyond Qubits Workshop 2013*, Olomouc, Czech Republic, 08-10/04/2013
- *13th International Conference on Squeezed States and Uncertainty Relations (ICSSUR 2013)*, Nuremberg, Germany, 24-28/06/2013
- *6th Italian Quantum Information Science Conference (IQIS2013)*, Como, Italy, 24-26/09/2013
- *Workshop on Quantum Metrology, Interaction, and Causal Structure*, Beijing, China, 9-13/12/2013
- *Photons beyond Qubits Workshop 2014*, Olomouc, Czech Republic, 14-17/04/2014
- *Workshop ad memoriam of Carlo Novero, Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons (Quantum 2014)*, Torino, Italy, 25-31/05/2014
- *21st Central European Workshop on Quantum Optics (CEWQO 2014)*, Bruxelles, Belgium, 23-27/06/2014

- *INO Annual Symposium 2014*, Brescia, Italy, 1-3/10/2014
- *Photons beyond Qubits Workshop 2015*, Olomouc, Czech Republic, 16-18/03/2015
- *14th International Conference on Squeezed States and Uncertainty Relations (ICSSUR 2015)*, Gdansk, Poland, 29/06-03/07/2015
- *PICQUE Roma Scientific School, Scientific School in integrated quantum photonics applications: from simulation to sensing*, Rome, Italy, 6-10/07/2015
- *EXTREME LIGHT INFRASTRUCTURE (ELI) Workshop*, CNR Headquarters, Rome, Italy, 09/10/2015
- *Frontiers in Optics: The 99th OSA Annual Meeting and Exhibit/Laser Science XXXI (FiO/LS 2015)*, San Jose, California, USA, 18-22/10/2015
- *Spectral and Spatial Engineering of Quantum Light*, Warsaw, Poland, 30/03-01/04/2016
- *9th Italian Quantum Information Science Conference (IQIS 2016)*, Rome, Italy, 20-23/09/2016
- *QUANTUM 2017 – Workshop ad memoriam of Carlo Novero*, Torino, Italy, 7-13/05/2017
- *24th Central European Workshop on Quantum Optics (CEWQO 2017)*, Lyngby, Denmark, 26-30/06/2017

PARTICIPATION TO CONFERENCE COMMITTEES

The Second International Conference on Quantum, Nano, and Micro Technologies (ICQNM 2008)

10-15/02/2008 - Sainte Lucie, Martinique

Technical Program Committee

XVI International Conference on Ultrafast Phenomena (UP2008)

09-13/06/2008 Stresa (Lago Maggiore), Italy

Local Organizing Committee

The Third International Conference on Quantum, Nano and Micro Technologies (ICQNM 2009)

01-06/2/2009 - Cancun, Mexico

Technical Program Committee

11th International Conference on Squeezed States and Uncertainty Relations (ICSSUR) and 4th Feynman Festival (FEYNFEST)

22-26/06/2009, Olomouc, Czech Republic

Program and Advisory committee

The Fourth International Conference on Quantum, Nano and Micro Technologies (ICQNM 2010)

10-16/02/2010 - St. Maarten, Netherlands Antilles

Technical Program Committee

SPIE Optics + Optoelectronics 2011

Quantum Optics and Quantum Information Transfer and Processing

18-21/04/2011, Prague Congress Centre, Prague, Czech Republic

Program Committee

12th International Conference on Squeezed States and Uncertainty Relations (ICSSUR) and 5th Feynman Festival (FEYNFEST)

02-06/05/2011, Foz do Iguaçu, Brazil

International Advisory Board

Fotonica 2012, 14° Convegno Nazionale delle Tecnologie Fotoniche

15-17/05/2012, Florence, Italy

Technical Program Committee

SPIE Optics + Optoelectronics 2013

Quantum Optics and Quantum Information Transfer and Processing

15-18/04/2013, Clarion Congress Hotel, Prague, Czech Republic

Program Committee

Quantum Information Processing and Communication (QIPC 2013)

30/06-05/07/2013, Florence, Italy

Organizer and Chair

Fotonica 2014, 16° Convegno Nazionale delle Tecnologie Fotoniche

12-14/05/2014, Napoli, Italy

Technical Program Committee

SPIE Optics + Optoelectronics 2015

Quantum Optics and Quantum Information Transfer and Processing

13-16/04/2015, Clarion Congress Hotel, Prague, Czech Republic

Program Committee

14th International Conference on Squeezed States and Uncertainty Relations (ICSSUR 2015)

29/06-03/07/2015, Gdańsk, Poland

International Program Committee

Fotonica 2015, 17° Convegno Nazionale delle Tecnologie Fotoniche
06-08/05/2015, Torino, Italy

Technical Program Committee

Fotonica 2016, 18° Convegno Nazionale delle Tecnologie Fotoniche
06-08/06/2016, Roma, Italy

Technical Program Committee

XV International Conference on Quantum Optics and Quantum Information 2017
20-23/11/2017, Minsk, Belarus

International Advisory Committee