

ARTICLES IN PEER-REVIEWED CONFERENCES

1985

1. B. Lavorel, G. Millot, H. Berger, J. Bonamy, et D. Robert, Nice France, Congrès de la Société Française de Physique 1985: Spectroscopie Raman stimulé : applications aux structures et aux formes de raies.
2. B. Lavorel, G. Millot, R. Saint-Loup, H. Berger, J.P. Sala, J. Bonamy, and D. Robert, Riccione Italie, 9th Colloquium on High Resolution Molecular Spectroscopy 1985: Measurement and theory of temperature dependance of collisional broadening in the N₂ fundamental band.
3. B. Lavorel, G. Millot, R. Saint-Loup, H. Berger, J. Bonamy, J.-P. Sala, and D. Robert, Cooperative Libraria Univ. Editrice Bologna, Ninth Colloquium on High Resolution Molecular Spectroscopy, edited by G. Nivellini, A. Trombetti, F. Tullini, p.150 (1985): High temperature study of collisional line broadening in the N₂ fundamental band by stimulated Raman spectroscopy.

1986

4. J.P. Sala, J. Bonamy, D. Robert, B. Lavorel, G. Millot, and H. Berger, Eugène USA, 10th International Raman Conference 1986: Strong collision model for the calculation of collisionally narrowed isotropic Raman spectra.
5. G. Millot, B. Lavorel, R. Chaux, R. Saint-Loup, G. Pierre, and H. Berger, Eugène USA, Proceedings of the Tenth International Conference on Raman Spectroscopy, edited by W.L. Peticolas, B. Hudson, University of Oregon, Eugene publishers, p.15-18: High resolution stimulated Raman spectroscopy of ¹³CD₄.
6. G. Millot, B. Foy, J.I. Steinfeld, G. Pierre, A. Valentin, and L. Henry, Prague Tchécoslovaquie, 10th International Seminar on High Resolution Spectroscopy 1986: Analysis of the pentad and pentad-dyad of ¹³CD₄.
7. G. Millot, B. Lavorel, R. Chaux, R. Saint-Loup, G. Pierre, and H. Berger, Prague Tchécoslovaquie, 10th International Seminar on High Resolution Spectroscopy 1986: ¹³CD₄ Raman spectrum pentad analysis.

1987

8. G Millot, B Lavorel, R Chaux, R Saintloup, M Terkihassaine, J Santos, G Pierre, H Berger, High-Resolution Stimulated Raman-Spectroscopy With A 3 MHz Accuracy Wavemeter , J Phys-Paris (C7), 48, 763-764 (1987).
9. B Lavorel, G Millot, R Saintloup, Ml Gonze, J Santos, H Berger, J Bonamy, D Robert, A Powerful Tool To Study Collisional Phenomena And For Combustion Applications - The High-Resolution Stimulated Raman-Spectroscopy, J Phys-Paris (C7), 48, 761-762 (1987).
10. G. Millot, B. Lavorel, R. Chaux, R. Saint-Loup, M. Terki-Hasseine, J. Santos, G. Pierre, et H. Berger, Lyon France, 1ère Conférence Internationale Laser M2P 1987: High resolution stimulated Raman spectroscopy with a 3 MHz accuracy wavemeter.
11. B. Lavorel, G. Millot, R. Saint-Loup, M.L. Gonze, J. Santos, et H. Berger, Lyon France, 1ère Conférence Internationale Laser M2P 1987: A powerful tool to study collisional phenomena and for combustion applications : the high resolution stimulated Raman spectroscopy.
12. G. Millot, B. Lavorel, R. Chaux, R. Saint-Loup, G. Pierre, H. Berger, B. Foy, et J.I. Steinfeld, Dijon France, 10e Colloque sur la Spectroscopie moléculaire à haute résolution 1987: High Resolution stimulated Raman Spectroscopy of methane ¹³CD₄ in the pentad region.
13. B. Lavorel, G. Millot, R. Chaux, R. Saint-Loup, H. Berger, J. Bonamy, L. Bonamy, et D. Robert, Dijon France, 10e Colloque sur la Spectroscopie moléculaire à haute résolution 1987: An exhaustive

study of the temperature and pressure dependence of SRS N₂ Q-branch : line-broadening, line-shifting and line-mixing.

14. B. Lavorel, G. Millot, M. Lefebvre, et M. Pealat, Dijon France, 10e Colloque sur la Spectroscopie moléculaire à haute résolution 1987: Dunham coefficients of N₂ from CARS measurements of high vibrational states in a low pressure discharge.
15. R. Chauv, C. Milan, G. Millot, B. Lavorel, et R. Saint-Loup, Dijon France, 10e Colloque sur la Spectroscopie moléculaire à haute résolution 1987: Experimental results of absolute frequency measurements with a wavemeter. Applications to high resolution stimulated Raman spectroscopy.
16. G. Millot, G. Pierre, L. Henry, A. Valentin, B. Foy, et J.I. Steinfeld, Dijon France, 10e Colloque sur la Spectroscopie moléculaire à haute résolution 1987: Analysis of the energy levels of the pentad of ¹³CD₄ from infrared (Pentad and Pentad-Dyad) transitions assignment infrared-infrared double resonance spectra

1988

17. L. Bonamy, J. Bonamy, D. Robert, B. Lavorel, G. Millot, R. Saint-Loup, et H. Berger, Pise Italie, 7th European CARS Workshop 1988: An Energy Corrected Sudden scaling analysis of SRS N₂ and CO₂ Q-branches.
18. H. Berger, B. Lavorel, G. Millot, R. Saint-Loup, and R. Chauv, London Royaume-Uni, 11th International Conference on Raman Spectroscopy 1988: Enhancement of sensitivity in high resolution stimulated Raman spectroscopy of gases.
19. B. Lavorel, G. Millot, R. Saint-Loup, R. Chauv, H. Berger, L. Bonamy, J. Bonamy, and D. Robert, Londres Royaume-Uni, 11th International Conference on Raman Spectroscopy 1988: S.R.S. experiment studies on theoretical calculations of collisional effects of CO₂ ν_1 - $2\nu_2$ dyad.
20. G. Millot, B. Lavorel, R. Saint-Loup, H. Berger, L. Bonamy, J. Bonamy, et D. Robert, Pise Italie, 7th European CARS Workshop 1988: Experimental SRS study of collisional effects on band shapes of the CO₂ ν_1 - $2\nu_2$ dyad.
21. J.P. Champion, M. Loete, G. Pierre, J.C. Hilico, Cl. Pierre, and G. Millot, Prague Tchecoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: Vibrational extrapolation schema : calculation of energy levels and transition strengths in tetrahedral molecules.
22. J. P. Champion, M. Loete, G. Pierre, J. C. Hilico, C. Pierre et G. Millot, Prague Tchecoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: Vibrational extrapolation scheme: calculation of energy levels and transition strengths in tetrahedral molecules.
23. G. Millot, Prague Tchecoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: Collisional effects in the SRS Q-branch of O₂ and O₂ – N₂.
24. G. Millot, J. Hetzler, J.I. Steinfeld, and G. Pierre, Prague Tchecoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: Infrared double-resonance lineshapes in strongly pumped molecules with application to silane.
25. G. Millot, J. Hetzler, B. Foy, J.I. Steinfeld, and G. Pierre, Prague Tchecoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: Two-photon absorptions and rotational relaxation times in Silane observed by infrared double resonance spectroscopy.
26. A. Boutahar, G. Millot, B. Lavorel, G. Pierre, J.P. Champion, C. Wenger, R. Saint-Loup, and H. Berger, Prague Tchecoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: Self-broadened widths of Raman lines in the ν_1 band region of spherical top molecules.
27. B. Foy, J. Hetzler, G. Millot, and J.I. Steinfeld, Prague Tchecoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: State-to-state rotational energy transfer in methane ¹³CD₄ from infrared double resonance experiments.

28. B. Lavorel, H. Berger, G. Millot, R. Saint-Loup, and R. Chaux, Prague Tchécoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: Improvement of sensitivity in high resolution stimulated Raman spectroscopy of gases.
29. B. Lavorel, G. Millot, R. Saint-Loup, R. Chaux, H. Berger, L. Bonamy, J. Bonamy, and D. Robert, Prague Tchécoslovaquie, 11th International Seminar on High Resolution Spectroscopy 1988: High resolution Raman experimental studies and theoretical calculations of collisional effects of the CO₂ $\nu_1 - \nu_2$ dyad.

1989

30. H. Berger, B. Lavorel, and G. Millot, Villetaneuse France, 1er Colloque National sur les lasers et l'Optique Quantique 1989: High resolution stimulated Raman spectroscopy of gases.
31. G. Millot, B. Lavorel, R. Saint-Loup, H. Berger, J. Bonamy, L. Bonamy, and D. Robert, Giessen Allemagne, 11th Colloquium on High Resolution Molecular Spectroscopy 1989: Theoretical and experimental study of the pressure and temperature dependence of linewidths, line-shifts and line-mixing in the SRS O₂ Q-branch.
32. A. Boutahar, M. Loete, G. Millot, B. Lavorel, and H. Berger, Giessen Allemagne, 11th Colloquium on High Resolution Molecular Spectroscopy 1989: Raman line intensities calculation from high resolution spectra observed in the dyad ($\nu_1 - \nu_3$) region of silane.
33. B. Lavorel, G. Millot, R. Saint-Loup, H. Berger, L. Bonamy, J. Bonamy, and D. Robert, Giessen Allemagne, 11th Colloquium on High Resolution Molecular Spectroscopy 1989: Dicke narrowing and line mixing in the CO₂ ν_1 Q-branch.
34. G. Millot, B. Lavorel, A. Tabyaoui, R. Saint-Loup, and H. Berger, Giessen Allemagne, 11th Colloquium on High Resolution Molecular Spectroscopy 1989: Accurate spectroscopic parameters of O₂ and N₂ determined from SRS spectra of the fundamental and hot bands.
35. G. Millot, B. Lavorel, H. Berger, R. Saint-Loup, J. Santos, R. Chaux, C. Wenger, J. Bonamy, L. Bonamy, and D. Robert, Giessen Allemagne, 11th Colloquium on High Resolution Molecular Spectroscopy 1989: Collisional effects in the SRS Q-branch of O₂ and O₂ - N₂.
36. B. Lavorel, G. Millot, R. Saint-Loup, H. Berger, D. Fabre, and B. Oksengorn, Giessen Allemagne, 11th Colloquium on High Resolution Molecular Spectroscopy 1989: High density SRS Q-branch spectra of gaseous N₂ at room temperature.
37. J. Bonamy, L. Bonamy, D. Robert, M.L. Gonze, B. Lavorel, G. Millot, R. Saint-Loup, and H. Berger, Giessen Allemagne, 11th Colloquium on High Resolution Molecular Spectroscopy 1989: Rotational relaxation of nitrogen in ternary mixtures N₂-CO₂-H₂O. Consequences in CARS thermometry.
38. G. Millot, R. Saint-Loup, H. Berger, J. Bonamy, L. Bonamy, and D. Robert, Oxford Royaume-Uni, 8th European CARS Workshop 1989: Experimental and theoretical study of line broadening and absolute line-shift of the SRS fundamental Q-branch of pure O₂ as a function of temperature.

1990

39. B. Lavorel, G. Millot, R. Saint-Loup, H. Berger, D. Fabre, and B. Oksengorn, Dijon France, 9th European CARS Workshop 1990: High density SRS Q-branch spectra of gaseous N₂ at room temperature.
40. J. Bonamy, L. Bonamy, D. Robert, M.L. Gonze, B. Lavorel, G. Millot, R. Saint-Loup, and H. Berger, Dijon France, 9th European CARS Workshop 1990: Rotational relaxation of nitrogen in ternary mixtures N₂-CO₂-H₂O. Consequences in CARS thermometry.
41. G. Millot, B. Lavorel, J. Santos, R. Saint-Loup, R. Chaux, H. Berger, J. Bonamy, L. Bonamy, and D. Robert, Columbia USA, 12th International conference on Raman Spectroscopy 1990: Experimental

and theoretical oxygen SRS profile study at high temperature and pressure for combustion diagnostics.

42. B. Lavorel, G. Millot, K.L. Kou, G. Guelachvili, K. Bouzouba, P. Lepage, V.I.G. Tyuterev, and G. Pierre, Prague Tchecoslovaquie, 12th International Seminar on High Resolution Spectroscopy 1990: Study of ν_1/ν_3 interacting bands of silane. Analysis of infrared and Raman spectra.
43. B. Lavorel, G. Millot, and H. Berger, Samarkand URSS, 1st International Colloquium of Coherent Raman Spectroscopy 1990: High resolution coherent Raman spectroscopy. Studies of molecular structures.

1991

44. G. Millot, Garching Allemagne, 10th European CARS Workshop 1991: Calculation of Raman line broadening coefficients and Q-branch collapse with the ECS-EP model.
45. G. Rouillé, H. Berger, and G. Millot, Dijon France, 12th Colloquium on High Resolution Molecular Spectroscopy 1991: High-resolution coherent Raman spectroscopy of O₂.
46. G. Millot, B. Lavorel, and J.I. Steinfeld, Dijon France, 12th Colloquium on High Resolution Molecular Spectroscopy 1991: Raman collisional broadening of rotational lines in the $\nu_1+\nu_4$ bands of ¹²CD₄ and in the $2\nu_2$ band of ¹²CH₄.
47. Cl. Roche, G. Fanjoux, C. Wenger, and G. Millot, Dijon France, 12th Colloquium on High Resolution Molecular Spectroscopy 1991: Optimum procedure for determining fitting law parameters and application to temperature measurement from collision-narrowed Raman spectra.

1992

48. R. Saint-Loup, B. Lavorel, G. Fanjoux, and G. Millot, Florence Italie, 11th European CARS Workshop 1992: A new design for high pressure and high temperature Raman cell. Application to ν_1 of CO₂ CARS spectrum.
49. Cl. Roche, G. Millot, R. Chaux, and R. Saint-Loup, Florence Italie, 11th European CARS Workshop 1992: Vibrational and rotational energy transfer in CO₂ from IR-Raman double resonance experiment.
50. B. Lavorel, G. Millot, G. Fanjoux, R. Saint-Loup, H. Berger, L. Bonamy, J. Bonamy, and D. Robert, Toronto Canada, VIIth International Symposium on Temperature 1992: Study of collisional effects on Raman band shapes of the $\nu_1/2\nu_2$ Fermi dyad in CO₂ gas at high temperature and high pressure.
51. G. Millot, B. Lavorel, and J.I. Steinfeld, Würzburg Allemagne, XIIIth International conference on Raman Spectroscopy 1992: Collisional broadening, line-shifting and line-mixing in the stimulated Raman pentad Q-branch of methane.
52. Berger, H; Lavorel, B; Millot, G; Nonlinear Raman spectroscopy, Applied Laser Spectroscopy: Techniques, Instrumentation and Applications, DL Andrews, ed., VCH Publishers, Inc., New York, 1992.
53. Lavorel, B; Millot, G; Berger, H; High Resolution Coherent Raman Spectroscopy: Studies of Molecular Structures, Coherent Raman Spectroscopy, 87-98, 1992, Springer, Berlin, Heidelberg.
54. Millot, G; Lavorel, B; Berger, H; Collisional Relaxation Processes Studied by Coherent Raman Spectroscopy for Major Species Present in Combustions, Coherent Raman Spectroscopy, 99-115, 1992, Springer, Berlin, Heidelberg.

1993

55. SAINT-LOUP, R; LAVOREL, B; FANJOUX, G; MILLOT, G; CELL. APPLICATION TO ν_1 OF CO₂ CARS SPECTRUM, Coherent Raman Spectroscopy: Applications and New Developments-Proceedings of The Xi European Cars Workshop, 47,1993,World Scientific.

1994

56. H Berger, B Lavorel, G Millot, Stimulated Raman-Spectroscopy As The Essential Tool For Studying Collisional Effects - Application To Combustion, J. Phys. IV, 4, 625-628 (1994).
57. G. Millot, Rotational and vibrational relaxation of the $\nu_1/2\nu_2$ Fermi dyad in CO₂ gas from Raman-infrared double resonance experiments, Poznan Pologne, XIII International Congress on High Resolution Molecular Spectroscopy 1994.
58. G. Fanjoux, G. Millot, R. Saint-Loup, R. Chauv, and L.Rosenmann, Gif-Sur-Yvette France, 13th European CARS Workshop 1994: CARS study of collisional effects in the O₂-H₂O Q-branch for the cryogenic combustion in rocket engine.
59. F. Emond, L. Bonamy, J. Bonamy, D. Robert, G. Fanjoux, G. Millot, and B. Lavorel, Gif-Sur-Yvette France, 13th European CARS Workshop 1994: Line coupling in isotropic and anisotropic CARS spectra of N₂ and CO₂.

1995

60. L. Bonamy, B. Lavorel, G. Fanjoux, and G. Millot, Dijon France, 14th Colloquium on High Resolution Molecular Spectroscopy 1995: Line coupling in anisotropic Raman Q-branches: Application to the $\nu_1/2\nu_2$ Fermi dyad of CO₂.
61. L. Touzani, M. Loete, B. Lavorel, and G. Millot, Dijon France, 14th Colloquium on High Resolution Molecular Spectroscopy 1995: Raman intensities of ¹²CD₄ in the pentad region.
62. G. Millot, E. Sève, P. Tchofo-Dinda, J.M. Bilbault, and M. Remoissenet, Recueil des communications des 15èmes Journées Nationales d'Optique Guidée p.7 (1995): Instabilité modulationnelle dans les fibres optiques fortement biréfringentes.
63. G. Millot, Molecular Collisions in the Atmosphere, edited by A. Ernesti, J.M. Hutson, and C.F. Roche, CCP6, Daresbury, p.55-59 (1995): Collisional effects in the Raman Q-branch of methane, oxygen, and carbon dioxide.

1996

64. P. Tchofo-Dinda, G. Millot, M.Haelterman, and E. Sève, Power dependence effects on the modulational instability spectra for highly birefringent fibers, Cambridge Royaume-Uni, Nonlinear Guided Waves and their Applications 1996.
65. E. Seve, and G. Millot, Proceedings of the Euroconference on Nonlinear Klein-Gordon and Schrödinger Systems: Theory and Applications, edited by L. Vasquez, L. Streit, and V.M. Perez-Garcia, World Scientific, p.354 (1996): Raman effect induced by modulational instability for normal dispersion in a high birefringent fiber.
66. G. Millot, P. Tchofo-Dinda, E. Sève, et M.Haelterman, Recueil des communications des 16èmes Journées Nationales d'Optique Guidée, p. 35-37 (1996): Effets de puissance sur les spectres d'instabilité modulationnelle dans les fibres biréfringentes.

1997

67. G. Millot, E. Sève, and S. Wabnitz, Experimental observation of polarization instabilities in the optical phase conjugation in a birefringent fiber, Baltimore U.S.A., Quantum Electronics and Laser Science Conference (QELS) 1997.
68. G. Millot, E. Sève, S. Wabnitz, and S. Trillo, Strong frequency conversion in optical fibers outside the parametric gain spectrum, Baltimore U.S.A., Quantum Electronics and Laser Science Conference (QELS) (**Postdeadline** paper) 1997.
69. G. Millot, E. Sève, S. Wabnitz, and S. Trillo, Pulse-train generation and strong frequency conversion in a birefringent fiber, Edinburgh Royaume-Uni, Integrated Optics and Optical Fibre Communications - European Conference on Optical Communications (IOOC-ECOC) 1997.
70. M. Haelterman, S. Pitois, G. Millot, P. Tchofo Dinda, and S. Wabnitz, Experimental demonstration of pure cross-phase-modulation-induced modulational instability in a bimodal fiber, Washington (Long Beach CA) USA, OSA'97 Annual Meeting (Optical Society of America) 1997.
71. A. Déroussiaux, B. Lavorel, and G. Millot, Prague République Tchèque, 14th International Conference on High Resolution Molecular Spectroscopy 1997: Vibrational and rotational collisional relaxation in the CO₂-He mixture studied by double resonance spectroscopy.
72. A. Déroussiaux, B. Lavorel, and G. Millot, Glasgow Royaume-Uni, XV Colloquium on High Resolution Molecular Spectroscopy 1997: Rotational relaxation in the CO₂-He and CO₂-Ar mixtures: energy corrected sudden approximation modeling from double resonance spectroscopy and infrared absorption.
73. G. Millot, E. Sève, S. Wabnitz, et S. Trillo, Paris France, Horizons de l'Optique 1997 : Observation des instabilités de polarisation dans une fibre biréfringente.
74. S. Pitois, G. Millot, P. Tchofo Dinda, Saint-Etienne, France, Journées Nationales d'Optique Guidée 1997 : Observation de l'instabilité modulationnelle dans une fibre bimodale isotrope en régime de dispersion normale.
75. G. Millot, E. Seve et S. Wabnitz. Observation of polarization symmetry-breaking and pulse train generations in a birefringent optical fiber. Int. Workshop on Nonlinear wave modulation in optical and other systems. Edimbourg, Royaume-Uni, 04 – 05 Avril (1997).

1998

76. G. Millot, S. Pitois, E. Seve, P. Tchofo-Dinda, S. Wabnitz, S. Trillo, M. Haelterman, JMS Crespo, Generation of high-repetition-rate dark soliton trains and frequency conversion in optical fibers, New Trends in Optical Soliton Transmission Systems, 53-67, 1998, Springer, Dordrecht (1998).
77. G. Millot, E. Sève, S. Wabnitz, and M. Haelterman, Dark soliton train generation in a birefringent fiber, Victoria Canada, Victoria Meetings, Nonlinear Guided Waves & Their Applications 1998.
78. S. Pitois, G. Millot, et S. Wabnitz, Solitons à parois de domaines de polarisation dans une fibre optique, Marly-Le-Roy France, 18 ièmes Journées Nationales d'Optique Guidée, p. 405-407, 1998.
79. E. Sève, G. Millot, and S. Wabnitz, Dark and gray soliton-like pulse train generation from induced modulational instability in highly birefringent fibers, Dijon France, International Conference on Transmission and Signal Processing in Nonlinear Electronics and Optics 1998.
80. S. Pitois, G. Millot, and S. Wabnitz, Polarization domain wall solitons with counterpropagating beams in optical fibers, Dijon France, International Conference on Transmission and Signal Processing in Nonlinear Electronics and Optics 1998.
81. P. Tchofo Dinda, G. Millot, and S. Wabnitz, San Francisco U.S.A., Quantum Electronics and Laser Science Conference (QELS) 1998: Control processes for stimulated Raman scattering in optical fibers by dual-frequency pumping.
82. E. Sève, G. Millot, et S. Wabnitz, Marly-Le-Roy France, 18 ièmes Journées Nationales d'Optique Guidée 1998: Génération de trains de solitons noirs par instabilité modulationnelle dans une fibre fortement biréfringente.
83. S. Pitois, G. Millot, and S. Wabnitz, Glasgow Ecosse, CLEO/Europe-EQEC 1998: paper CThH43, Polarization domain wall solitons with counterpropagating laser beams.

84. E. Sève, G. Millot, and S. Wabnitz, Glasgow Ecosse, CLEO/Europe-EQEC 1998: paper QWC73, Dark and gray soliton-like pulse train generation from induced modulational instability in highly birefringent fibers.
85. G. Millot, Solitons et applications optiques. Paris France, Rencontre du non-linéaire (1998).
86. M. Haelterman, S. Pitois, G. Millot et P. Grelu. Liens entre les instabilités de polarisation et les solitons vectoriels . Québec Canada, Colloque d'Optique et Photonique V de l'Association Canadienne et Française pour l'Avancement des Sciences (1998).
87. E. Seve, G. Millot, S. Wabnitz et M. Haelterman. Dark soliton-like pulse train generation from induced modulational polarization instability in birefringent fibers. Alicante, Espagne, Patterns in Nonlinear Optical Systems (PINOS), First Euroconference on : Trends in optical nonlinear dynamics : physical problems and applications (1998).

1999

88. G Millot, S Pitois, E Seve, PT Dinda, P Grelu, S Wabnitz, M Haelterman, S Trillo, Vector modulational instabilities and soliton experiments, Optical Solitons: Theoretical Challenges and Industrial Perspectives, 249-263, 1999, Springer, Berlin, Heidelberg", (1999).
89. S. Pitois, G. Millot, S. Wabnitz, et M. Haelterman, Solitons à parois de domaines dans une fibre optique, Paris France, 2ème Rencontre du non-linéaire, Paris Onze Editions, Université de Paris-Sud, édités par Y. Pomeau et R. Ribotta, p. 43-47 1999.
90. F. Guty, S. Pitois, P. Grelu, G. Millot, M.D. Thomson, et J. Dudley, Generation and characterization of 0.6 THz polarization domain wall trains in a spun fiber, Dijon France, Nonlinear Guided Waves and Their Applications'99, FB5, p 454-456, OSA 1999.
91. F. Guty, S. Pitois, P. Grelu, G. Millot, M.D. Thomson, et J. Dudley, Caractérisation par la technique TGV-FROG de trains d'impulsions périodiques THz générés par effets non linéaires dans les fibres optiques, Limoges France, 19èmes Journées Nationales d'Optique Guidée, p. 55-57, 1999.
92. E. Sève, G. Millot, P. Tchofo Dinda, T. Sylvestre, H. Maillotte, and E. Lantz, Raman-assisted parametric generation of non-phase-matched waves in normally dispersive optical fibers, Dijon France, Nonlinear Guided Waves and Their Applications'99, FB3, p. 448-450, OSA 1999.
93. E. Sève, G. Millot, S. Wabnitz, S. Trillo, et M. Haelterman, Paris France, 2ème Rencontre du non linéaire, Paris Onze Editions, Université de Paris-Sud, édités par Y. Pomeau et R. Ribotta, p. 36-42 1999: Dynamique de l'instabilité modulationnelle dans les fibres biréfringentes.
94. J. Dudley, F. Guty, S. Pitois, P. Grelu, and G. Millot, Dijon France, Nonlinear Guided Waves and Their Applications'99, ThD13, p. 298-300, OSA 1999: Complete characterisation of THz periodic pulse trains generated from nonlinear processes in optical fibers.
95. Millot, G; Wabnitz, E Seve; Trillo, S; Frequency conversion and switching in birefringent fibers, Nonlinear Guided Waves and Their Applications, ThC1, 1999, Optical Society of America.
96. Lantz, E; Seve, E; Millot, G; Tchofo-Dinda, P; Sylvestre, T; Maillotte, H; Raman-assisted parametric generation of nonphase-matched waves in normally dispersive optical fibers, Nonlinear Guided Waves and Their Applications, FB3, 1999, Optical Society of America.

2000

97. J. Dudley, F. Guty, S. Pitois, P. Grelu, and G. Millot, Complete intensity and phase characterisation of a 2.5 THz dark soliton pulse train via frequency resolved optical gating, USA, CLEO-QELS, Postconference edition, TOPS, Vol. 39 IEEE cat., No.00CH37088 p. 23-24, 2000.
98. S. Pitois, G. Millot, and S. Wabnitz, Nonlinear cross-polarization switching and domain wall solitons with counterpropagating laser beams in optical fibers. Nice France, Conference on Lasers and Electro-Optics Europe, CLEO2000, published by IEEE, Piscataway, NJ, USA, paper CFE2, No.00TH8505, p. 374, September 10-15 (2000).

99. J. M. Dudley, F. Guty, S. Pitois, P. Grelu, G. Millot, M. D. Thomson, Complete intensity and phase characterization of a 2.5 THz dark soliton pulse train via frequency resolved optical gating. Conference on Lasers and Electro-Optics (CLEO 2000). 7-12 May. San Francisco, CA, USA (2000).

2001

100. S. Pitois, M. Haelterman and G. Millot, Observation of Modulational Instability induced by a dynamical Bragg grating in an optical fiber. Nonlinear Guided Waves and Their Applications'2001, Clearwater, Florida, USA, postdeadline paper PD6, March 25-28 (2001).
101. G. Millot, Multiple four-wave mixing induced modulational instability in highly birefringent fibers, Clearwater, Florida, USA, Nonlinear Guided Waves and Their Applications'2001, paper WB6, March 25-28 (2001).
102. G. Millot, S. Pitois and P. Tchofo Dinda, Clearwater Florida, USA, Nonlinear Guided Waves and Their Applications'2001, paper MC92 (2001) : Modulational instability processes in optical isotropic fibres under dual-frequency pumping.
103. S. Pitois, M. Haelterman, and G. Millot, Recueil des communications de OPTIX, (2001) : Instabilité modulationnelle induite par un réseau de Bragg dynamique dans une fibre optique.

2002

104. G. Millot, A. Sauter, L. Provino, J.M. Dudley, and R.W. Windeler, Polarization mode dispersion and vectorial modulational instability in air-silica microstructured fiber, Long Beach California, USA, Conference on Lasers and Electro-Optics CLEO2002, paper CMJ1, May 21-23 (2002).
105. S. Pitois, G. Millot and M. Haelterman, Experimental observation of modal attraction in optical fibers, Stresa Italie, Nonlinear Guided Waves and Their Applications'2002, paper NLMC4, Sept. 1-4 (2002).
106. J. Fatome, S. Pitois, and G. Millot, 160-GHz picosecond pulse train generation through multiwave mixing compression of a dual frequency beat signal, Stresa Italie, Nonlinear Guided Waves and Their Applications'2002, paper NLTuC3, Sept. 1-4 (2002).
107. J. Fatome, S. Pitois, et G. Millot, Génération d'un train d'impulsions non chirpées et sans piédestal à 160-GHz via la compression d'un battement sinusoïdal par mélange à quatre ondes multiple, Dijon France, 21èmes Journées Nationales d'Optique Guidée, 23-25 sept. (2002).
108. L. Provino, J.M. Dudley, A. Sauter, et G. Millot, Dispersion modale de polarisation et instabilité de modulation vectorielle dans les fibres à cristaux photoniques, Paris France, 5ème Rencontre du Non-Linéaire 2002.
109. S. Pitois, G. Millot, et M. Haelterman, Paris France, 5ème Rencontre du Non-Linéaire 2002 : Une nouvelle approche pour étudier les effets non linéaires dans les réseaux de Bragg fibrés.
110. C. Billet, J.M. Dudley, et G. Millot, Dijon France, 21èmes Journées Nationales d'Optique Guidée 2002 : Génération d'impulsions paraboliques par amplification Raman dans une fibre à dispersion décalée.
111. S. Pitois, G. Millot, et M. Haelterman, Dijon France, 21èmes Journées Nationales d'Optique Guidée 2002: Observation expérimentale d'un processus d'attraction modale dans une fibre optique.
112. F. Guty, G. Millot, and S. Trillo, OSA Technical Digest Series, Nonlinear Guided Waves and Their Applications'2002, paper NLMA5-1,3 (2002) : Nonrecursive multiple shock formation via four-wave mixing : theory and experiment.
113. J. Fatome, S. Pitois and G. Millot, Proceedings of the 25th International Congress on High Speed Photography and Photonics (2002): 160-GHz picosecond pulse train generation through multiwave mixing compression of a dual frequency beat signal.

114. Trillo, Stefano; Gutty, F; Millot, G; Nonrecursive multiple shock formation via four-wave mixing: theory and experiment, *Nonlinear Guided Waves and Their Applications*, NLMA5,2002,Optical Society of America.
115. Fatome, Julien; Pitois, Stéphane; Millot, Guy; ,Generation and characterization of ultrahigh-repetition-rate pulse trains for optical fiber communications lines,25th International Congress on High Speed Photography and Photonics (HSPP'02),2002.

2003

116. J Fatome, S Pitois, G Millot, 160-GHz picosecond pulse train generation through multiwave mixing compression of a dual frequency beat signal, *PROCEEDINGS-SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING*, 4948, 114-121 (2003).
117. C. Finot, G. Millot, C. Billet, et J.-M. Dudley, Toulouse France, COLOQ 8 (Conférence sur les Lasers et l'Optique Quantique) 3-5 Septembre 2003 : Génération de similaritons optiques à 1550 nm par amplification Raman dans une fibre à dispersion décalée.
118. S. Pitois, A. Sauter, G. Millot, Toulouse France, COLOQ 8 (Conférence sur les Lasers et l'Optique Quantique) 3-5 Septembre 2003 : Attracteur de polarisation dans les fibres optiques.
119. C. Finot, G. Millot, C. Billet, et J.M. Dudley, Recueil des communications des 22èmes Journées Nationales d'Optique Guidée, Valence, France, p. 33-35 (2003): Observation et caractérisation de similaritons optiques générés par amplification Raman dans une fibre optique standard.
120. J. Fatome, S. Pitois, P. Tchofo Dinda, et G. Millot, Recueil des communications des 22èmes Journées Nationales d'Optique Guidée, Valence, France, p. 83-85 (2003): Démonstration expérimentale d'une transmission monocanale à 160-GHz sur 896 km dans une fibre gérée en dispersion dense.
121. S. Pitois, A. Sauter and G. Millot, The 16th Annual Meeting of the IEEE Lasers&Electro-Optics Society, LEOS 2003, Post-deadline Paper PD 1.6: Polarization Attraction and Raman Amplification in Optical Fibers.
122. C. Finot, G. Millot, C. Billet, and J.-M. Dudley, IEEE conference publication IOOC-ECOC03 : 14th international conference on integrated optics and optical fibre communications (2003), Vol 2, p232-233 : Experimental generation of parabolic pulses at 1550 nm via Raman amplification in non zero dispersion shifted fiber.
123. C. Billet, J.-M. Dudley, C. Finot, and G. Millot, Conference Digest, Conference on Lasers and Electro-Optics Europe, CLEO2003, Parabolic pulse generation at 1550 nm via Raman amplification in standard telecommunications grade dispersion shifted fiber.
124. Millot, Guy; Pitois, Stéphane; Picozzi, Antonio; Haelterman, Marc; Nonlinear polarization effects, *Lasers and Electro-Optics Europe*, 2003. CLEO/Europe, 222, 2003, IEEE.
125. S. Pitois, A. Sauter, G. Millot, A. Picozzi et M. Haelterman, Attracteur de polarisation dans les fibres optiques. Conférence sur les Lasers et l'Optique Quantique (COLOQ 8 – HORIZON 03) Toulouse, France : 171-172 (2003).
126. A. Picozzi, M. Haelterman, S. Pitois, G. Millot, Nonlinear optics with incoherent waves : incoherent solitons and condensation processes. *Nonequilibrium structures Vina del Mar, Chile* (2003).

2004

127. C Finot, G Millot, C Billet, JM Dudley, Generation of optical similaritons at 1550 nm by Raman amplification in a non-zero dispersion-shifted fiber, *J. Phys. IV*, 119, 181-182 (2004).

128. S Pitois, A Sauter, G Millot, A Picozzi, M Haelterman, Polarization attractor in optical fibers, *J. Phys. IV*, 119, 263-264 (2004).
129. S. Pitois, A. Sauter, and G. Millot, Toronto Canada, Nonlinear Guided Waves and Their Applications'2004, paper MD2, March. 28-31 (2004) : Simultaneous achievement of polarization attraction and Raman amplification in optical fibers.
130. C. Finot, S. Pitois, G. Millot, C. Billet, and J.M. Dudley, Toronto Canada, Nonlinear Guided Waves and Their Applications'2004, paper MD5, March. 28-31 (2004) : Experimental properties of parabolic pulses generated via Raman amplification in standard optical fibers.
131. A. Picozzi, M. Haelterman, S. Pitois, and G. Millot, Toronto Canada, Nonlinear Guided Waves and Their Applications'2004, paper WA3, March. 28-31 (2004): Incoherent solitons generated in instantaneous response nonlinear Kerr media.
132. J. Fatome, S. Pitois, P. Tchofo Dinda, G. Millot, E. Le Rouzic, B. Cuenot, E. Pincemin, and S. Gosselin, Toronto Canada, Nonlinear Guided Waves and Their Applications'2004, paper TuB4, March. 28-31 (2004): Experimental demonstration of fiber-optic lines with symmetric dispersion profiles for 160 Gbit/s terrestrial transmission systems.
133. Haelterman, Marc; Pitois, Stéphane; Millot, Guy; ,Incoherent solitons and condensation processes, IEEE LEOS Annual Meeting Conference Proceedings, 703-704 ,2004.
134. FINOT, Christophe; PITOIS, Stéphane; MILLOT Guy; synthese temporelle d'impulsions et regeneration optique de signaux telecom par similaritons raman, 2004, Journées Nationales d'Optique Guidée, Paris.
135. C. Finot, G. Millot, .M. Dudley, Similaritons Raman. 7ème Rencontre du Non-Linéaire Paris : 103-108 (2004).
136. A. Sauter, S. Pitois, G. Millot, Amplification Raman et attraction de polarisation dans les fibres optiques. 23ème Journées Nationales de l'Optique Guidée (JNOG) Paris : 137-139 (2004).

2005

137. Massoudre, D., Oudar, J.-L., Fatome, J., Pitois, S., Millot, G., Landreau, J. and Decobert, J. (2005): All-Optical Extinction Ratio Enhancement of a 160-GHz Pulse Train Using a Saturable Absorber Vertical Microcavity. Proceedings of the 31st European Conference on Optical Communication (ECOC) at Glasgow, Scotland, September 2005, IET Conference Publication 3, 537-538.
138. Fatome, J., Pitois, S., Tchofo-Dinda, P., Erasme, D. and Millot, G. (2005): Experimental comparison of classical and dense dispersion managements for 160-Gb/s transmission systems. IEEE Proceedings of the Conference on Lasers and Electro-Optics (CLEO/Europe) at Munich, Germany, June 2005, 488.
139. Trillo, S., Millot, G. and Conti, C. (2005): Nonlinear dynamics induced by optical shocks formation. IEEE Proceedings of the European Quantum Electronics Conference (EQEC) at Munich, Germany, June 2005, 45.
140. Valentini, S., Bellanca, G., Trillo, S. and Millot, G. (2005): Instabilities of Four-Wave Mixing. Nonlinear Guided Waves and Their Applications at Dresden, Germany, September 2005, Technical Digest (CD) (Optical Society of America, 2005), paper ThA6.
141. Sauter, A., Pitois, S., Picozzi A., Millot, G. (2005): Experimental observation of incoherent modulation instability in standard optical fibers. Nonlinear Guided Waves and Their Applications at Dresden, Germany, September 2005, Technical Digest (CD) (Optical Society of America, 2005), paper WC8.
142. Wabnitz, S., Millot, G., Pitois, S., Tonello, A. and Polyakov, E. (2005): Parametric and Raman amplification in photonic crystal fiber. Proceedings SPIE 5950, Photonic Crystals and Fibers, 59500M.

143. C. Finot, G. Millot, Interactions de similaritons optiques : du similariton au soliton noir. 8ème Rencontre du Non-Linéaire Paris (2005)
144. D. Massoubre, J. Fatome, S. Pitois, G. Millot, J. Landreau, J. Decobert, J.L. Oudar, Régénération tout-optique par absorbant saturable d'un train d'impulsions cadencé à 160-GHz. 24ème Journées Nationales de l'Optique Guidée (JNOG 2005) (2005)
145. D. Massoubre, J. Fatome, S. Pitois, G. Millot, J. Landreau, J. Decobert, J.L. Oudar, All-optical extinction ratio enhancement of a 160-GHz pulse train using a saturable absorber vertical microcavity. European Conference on Optical Communication (ECOC) Glasgow, Ecosse (2005)
146. J. M. Dudley, C. Billet, C. Finot, G. Millot, Intermediate Asymptotic Evolution and Photonic Bandgap Fiber Compression of Optical Similaritons. Poling and Photosensitivity / 30th Australian Conference on Optical Fibre Technology (BGPP / ACOFT) Star City, Sydney (Australie) : sous-presse, Paper TUE0830 (2005).

2006

147. Sauter, A., Picozzi, A., Pitois, S. and Millot, G. (2006): Incoherent modulational instability. *Journal de Physique IV (Proceedings)* 135, 273-275.
148. Fatome, J., Massoubre, D., Pitois, S., Millot, G., Landreau, J., Decobert, J. and Oudar, J.-L. (2006): Component with a saturable absorbent for the completely optical regeneration at ultra high output. *Journal de Physique IV (Proceedings)* 135, 157-159.
149. Barviau B., Grelu P., Suret P., Randoux S., Millot G., « Laser Raman fibré délivrant des impulsions nanosecondes aux longueurs d'ondes des télécommunications », JNOG XXV Metz France, (2006).
150. Picozzi, A., Haelterman, M., Pitois, S. and Millot, G. (2006): Incoherent solitons and condensation processes. *Journal de Physique IV (Proceedings)* 135, 33-41.
151. Finot, C. and Millot, G. (2006): Experimental comparison of characterisation techniques in intensity and phase of ultrashort optical impulsions. *Journal de Physique IV (Proceedings)* 135, 131-133.
152. Tonello, A., Pitois, S., Wabnitz, S., Millot, G., Martynkien, T., Urbanczyk, W., Wojcik, J., Locatelli, A., Conforti, M. and De Angelis, C. (2006): Observation of Frequency Tunable Cross-Phase Modulation Instabilities in Highly Birefringent Photonic Crystal Fiber. Conference on Lasers and Electro-Optics/Quantum Electronics and Laser Science Conference and Photonic Applications Systems Technologies, Technical Digest (CD) (Optical Society of America, 2006), paper QTuJ1.
153. Fatome, J., Pitois, S., Finot, C. and Millot, G. (2006): 320-GHz, 640-GHz and 1-THz Femtosecond Pulse Sources Based on Multiple Four Wave Mixing in Highly Nonlinear Optical Fibers. Conference on Lasers and Electro-Optics/Quantum Electronics and Laser Science Conference and Photonic Applications Systems Technologies, Technical Digest (CD) (Optical Society of America, 2006), paper CMEE1.
154. C. Finot, G. Millot, Collision of optical similarities in a Raman fiber amplifier, *J. Phys. IV*, 135, 135-137 (2006).
155. Dudley J., Billet C., Lacourt P., Ferrière R., Finot C., Millot G., « Propagation autosimilaire et similariton optique », 9ième rencontre du Non-Linéaire Paris France, (2006)
156. Fatome J., Garnier J., Pitois S., Millot G., « All-Optical Measurement of Background, Amplitude and Timing Jitter for high speed pulse trains or prbs sequences using autocorrelation function », European Conference on Optical Communication (ECOC 2006) Cannes France We3.P.43 (2006)
157. Fatome J., Pitois S., Kamagate A., Massoubre D., Millot G., Oudar J., « All-optical regeneration at 160-bit/s using a saturable absorber vertical microcavity », European Conference on Optical Communication (ECOC 2006) Cannes France, (2006)

158. Fatome J., Pitois S., Millot G., « GigaHertz Ultrashort Pulse Sources at 1555 nm », European Conference on Optical Communication (ECOC 2006) Cannes France, (2006)
159. Fatome J., Pitois S., Millot G., « Réalisation de sources d'impulsions optiques pico- et femto-secondes à 1555 nm cadencées de 20-GHz à 1-THz », 4ème colloque de la division Physique Atomique, Moléculaire et Optique (PAMO 2006) Dijon France, (2006)
160. Finot C., Millot G., « Modulation de phase croisée lors de la collision de similaritons optiques », 9ème Rencontre du Non-Linéaire Paris France 99-104 (2006)
161. Finot C., Dupriez P., Provost L., Parmigiani F., Richardson D., Billet C., Dudley J., Pitois S., Millot G., « Impulsions paraboliques et similaritons dans les fibres optiques », 4ième colloque de la Physique Atomique, Moléculaire et Optique (PAMO 2006) Dijon France, (2006)
162. Guenot A., Finot C., Petropoulos P., Richardson D., Millot G., « Exploitation de l'autoglissement fréquentiel soliton limité par des radiations de Cherenkov pour générer deux impulsions au décalage fréquentiel ou temporel continûment ajustable », 25èmes Journées Nationales d'Optique Guidée Metz France, (2006)
163. Tonello A., Pitois S., Wabnitz S., Millot G., Martinkyan T., Urbanczyk W., Wojcik J., Locatelli A., Conforti M., Modotto D., De Angelis C., « Mélange à quatre photons dans les fibres optiques micro-structurées à haute biréfringence », PAMO 2006 Dijon France 53-54 (2006).

2007

164. Wabnitz, S., Tonello, A., Pitois, S., Millot, G., Martynkien, T., Urbanczyk, W., Wojcik, J., Locatelli, A., Conforti, M. and De Angelis, C. (2007): Experiment and theory of tunable broadband parametric gain in a photonic crystal fiber. Proceedings SPIE 6612, Laser Optics 2006: Diode Lasers and Telecommunication Systems, 66120D (April 13, 2007).
165. Fatome, J., Pitois, S., Millot, G., Massoubre, D. and Oudar, J.-L. (2007): Cascadability and efficiency of a saturable absorber device inserted into a SMF transmission line for future 160-Gbit/s all-optical reshaping applications. IEEE Proceedings of the European Conference on Lasers and Electro-Optics and the International Quantum Electronics Conference (CLEO-IQEC) at Munich, Germany, June 2007, 1.
166. J. Fatome, C. Finot, S. Pitois, G. Millot, All-fibered high-quality low duty-cycle picosecond high repetition rate pulse sources, Ann. Phys.-Paris, 32, 67-70 (2007).
167. Barviau, B., Fatome, J., Finot, C. and Millot, G. (2007): Broad-spectrum frequency comb generation from two continuous waves. IEEE Proceedings of the European Conference on Lasers and Electro-Optics and the International Quantum Electronics Conference (CLEO-IQEC) at Munich, Germany, June 2007, 1.
168. Finot, C., Fatome, J., Pitois, S. and Millot, G. (2007): All-Fibered High-Quality Low Duty-Cycle 20-GHz and 40-GHz Picosecond Pulse Sources. Nonlinear Photonics at Quebec, Canada, September 2007, OSA Technical Digest (CD) (Optical Society of America, 2007), paper NThC7.
169. Barviau B., Fatome J., Finot C., Millot G., « Création d'un peigne de fréquences de longueur d'onde centrale accordable à partir d'ondes continues », COLOQ 10 Grenoble France, (2007)
170. Barviau B., Finot C., Fatome J., Millot G., « Création d'un peigne de fréquences de longueur d'onde centrale accordable à partir d'ondes continues », 10ième rencontres du non-linéaire Paris France, (2007)
171. Finot C., Fatome J., Pitois S., Millot G., « High quality low duty cycle 20-GHz and 40-GHz picoseconds pulse sources », Nonlinear Photonics Québec Canada xx (2007)

2008

172. Hammani, K., Finot, C., Pitois, S., Dudley, J.M. and Millot, G. (2008): Experimental generation of extreme-value optical rogue-wave structures in fibre Raman amplifiers. 34th European Conference on Optical Communications at Brussels, Belgium, September 2008, paper Mo3.F.1.

173. Ware, C., Cordette, S., Lepers, C., Fsaifes, I., Kibler, B., Finot, C. and Millot, G. (2008): Spectral slicing of a supercontinuum source for WDM/DS-OCDMA application. IEEE proceedings of the 10th Anniversary International Conference on Transparent Optical Networks (ICTON) at Athens, Greece, June 2008, 4, 158-161.
174. Pitois, S., Fatome, J. and Millot, G. (2008): Experimental investigation of a polarization attractor at telecommunication wavelengths. IEEE Proceedings of the 34th European Conference on Optical Communication (ECOC) at Brussels, Belgium, September 2008, 1-2.
175. Kibler, B., Millot, G., Wojcik, J., Szpulak, M. and Urbanczyk, W. (2008): Soliton self-frequency shift in suspended core fibers. Proceedings SPIE 7138, Photonics, Devices, and Systems IV, 71381Q (November 18, 2008).
176. C. Fortier, J. Fatome, S. Pitois, F. Smektala, G. Millot, J. Troles, F. Desevedavy, P. Houizot, L. Brilland, N. Traynor, Experimental investigation of Brillouin and Raman scattering in a Ge₁₅Sb₂₀S₆₅ microstructured chalcogenide fiber, 34th European Conference on Optical Communication (ECOC) (2008).
177. Barviau B., Finot C., Grelu P., Millot G., « Différents régimes impulsions dans un laser Raman à fibre optique », 27^{èmes} Journées Nationales de l'Optique Guidée Lannion France A1.11, 190-192 (2008)
178. Cordette S., Kibler B., Fsaifes I., Lepers C., Ware C., Finot C., Millot G., « Etude expérimentale d'un système hybride WDM/DS-OCDMA pour un réseau d'accès optique haut-débit », 27^{èmes} Journées Nationales de l'Optique Guidée Lannion France A5.15, 302-304 (2008)
179. Fortier C., Fatome J., Kibler B., Finot C., Pitois S., Millot G., « All-fibered high-quality low duty-cycle 160-GHz femtosecond pulse source », EOS Annual Meeting Paris France, (2008)
180. Hammani K., Finot C., Pitois S., Dudley J., Millot G., « Observation de structures scélérates dans un amplificateur optique Raman à fibres », 27^{èmes} Journées Nationales de l'Optique Guidée Lannion France A8.2, 365-637 (2008)
181. Hammani K., Finot C., Pitois S., Fatome J., Millot G., « Real time measurement of long parabolic optical similaritons », EOS Annual Meeting Paris France, (2008)
182. Hammani K., Finot C., Pitois S., Dudley J., Millot G., « Ondes scélérates optiques », 26^{èmes} Journées Nationales d'Optique Guidée Lannion France 138-140 (2008)
183. Kibler B., Cordette S., Finot C., Hammani K., Lepers C., Ware C., Wabnitz S., Millot G., « Optimisation de la generation d'un continuum cohérent dans une fibre à dispersion normale et à haute non-linéarité », 27^{èmes} Journées Nationales de l'Optique Guidée Lannion France Me3.2, 141-143 (2008)
184. Kibler B., Guenot A., Finot C., Millot G., « Diverses manifestations de l'effet Raman lors de la propagation d'impulsions femtosecondes dans une fibre microstructurée », 11^{ème} Rencontre du non-linéaire Paris France 97-102 (2008)
185. Pitois S., Finot C., Fatome J., Millot G., « Optical delay line based on vectorial modulational instability and dispersion in optical fibres », EOS Annual Meeting Paris France, (2008).

2009

186. Finot, C., Dudley, J.M., Richardson, D.J. and Millot, G. (2009): Generation of parabolic pulses and applications for optical telecommunications. Proceedings of the 11th International Conference on Transparent Optical Network (ICTON) at Ponta Delgada, Portugal, June 2009, paper Tu.D1.5.
187. Hammani, K., Finot, C., Dudley, J.M. and Millot, G. (2009): Generation and detection of optical rogue-wave like fluctuations in fiber Raman amplifiers. IEEE/LEOS Winter Topical Meetings at Innsbruck, Austria, January 2009, 225-226.
188. Hammani, K., Finot, C., Kibler, B., Dudley, J.M. and Millot, G. (2009): Extreme events in fiber based amplifiers. 11th International Conference on Transparent Optical Network (ICTON) at Ponta Delgada, Portugal, June 2009, paper We.A1.4.

189. Finot, C., Dudley, J.M., Richardson, D.J. and Millot, G. (2009): Parabolic pulse generation and applications. IEEE/LEOS Winter Topical Meetings at Innsbruck, Austria, January 2009, 110-111.
190. Pitois, S., Fatome, J., Picozzi, A. and Millot, G. (2009): New concepts based on nonlinear polarization effects and Raman amplification in optical fibers. IEEE/LEOS Winter Topical Meetings at Innsbruck, Austria, January 2009, 223-224.
191. Finot, C., Dudley, J. M., Richardson, D. J. and Millot, G. (2009): Parabolic Pulse Formation and Applications. Optical Fiber Communication Conference and National Fiber Optic Engineers Conference, OSA Technical Digest (CD) (Optical Society of America, 2009), paper OWN1.
192. Kibler, B., Barviau, B., Coen, S., Kudlinski, A., Mussot, A., Millot, G. and Picozzi, A. (2009): Thermodynamic Approach of Supercontinuum Generation in Photonic Crystal Fiber. Conference on Lasers and Electro-Optics/International Quantum Electronics Conference, OSA Technical Digest (CD) (Optical Society of America, 2009), paper JWA123.
193. Picozzi, A., Pitois, S., Barviau, B., Kibler, B. and Millot, G. (2009): Spectral incoherent solitons. IEEE Proceedings of the Lasers and Electro-Optics and the European Quantum Electronics Conference (CLEO Europe-EQEC) at Munich, Germany, June 2009, 1.
194. Fatome, J., Pitois, S., Fortier, C., Kibler, B., Finot, C., Millot, G., Courde, C., Lintz, M. and Samain, E. (2009): On recent progress in all-fibered pulsed optical sources from 20 GHz to 2 THz based on multiple four wave mixing approach. Proceedings of the 11th International Conference on Transparent Optical Network (ICTON) at Ponta Delgada, Portugal, June 2009, 1-4.
195. Barviau B., Kibler B., Coen S., Kudlinski A., Mussot A., Millot G., Picozzi A., «Thermodynamic approach of supercontinuum generation », CLEO/Europe-EQEC 2009 Munich Allemagne Paper CD4.3 (2009)
196. Fatome J., Pitois S., Millot G., « Stabilisation de la polarisation d'une onde lumineuse par effet Brillouin dans une fibre fortement birefringente », 28ième Journées Nationales d'Optique Guidée (JNOG 2009) Lille France (2009)
197. Hammani K., Finot C., Dudley J., Millot G., « Emergence de structures optiques extrêmes par amplification fibrée basée sur une pompe partiellement cohérente », 12ème rencontre du Non-Linéaire Paris France 95-100 (2009)
198. Hammani K., Finot C., Millot G., « Emergence of extreme events in fiber based parametric processes driven by a partially incoherent pump wave », CLEO Europ Munich Allemagne xx (2009)
199. Hammani K., Finot C., Kibler B., Dudley J., Millot G., « Extreme events in fiber based amplifiers », 11th International Conference on Transparent Optical Network Ponta Delgada Portugal xx (2009).

2010

200. Hammani, K., Finot, C., Kibler, B. and Millot, G. (2010): Soliton Generation and Rogue-wave Like Behavior Through Fourth Order Modulation Instability. Advanced Photonics & Renewable Energy at Karlsruhe, Germany, June 2010, OSA Technical Digest (CD) (Optical Society of America, 2010), paper NMA6.
201. Hammani, K., Finot, C., Fatome, J., Picozzi, A. and Millot, G. (2010): Extreme statistics in Raman fiber amplifiers: from experiments to analytical description. Proceedings of the 12th International Conference on Transparent Optical Networks (ICTON) at Munich, Germany, June 2010, paper We.P.13.
202. Ware, C., Cordette, S., Lepers, C., Fsaifes, I., Tonello, A., Couderc, V., Douay, M., Kibler, B., Finot, C. and Millot, G. (2010): Optical CDMA enhanced by nonlinear optics. IEEE Proceedings of the 12th International Conference on Transparent Optical Network (ICTON) at Munich, Germany, June 2010, 1-4.
203. Hammani, K., Finot, C. and Millot G. (2010): Extreme Statistics in Raman Fiber Amplifiers: Influence of Pump Depletion and Dispersion. Nonlinear Photonics. Proceedings of Advanced Photonics

& Renewable Energy at Karlsruhe, Germany, June 2010, OSA Technical Digest (CD) (Optical Society of America, 2010), paper NME11.

204. Fatome, J., Pitois, S., Morin, P. and Millot, G. (2010): All-optical Control and Stabilization of the Polarization State of a 10-Gbit/s RZ Telecommunication Signal. European Conference and Exhibition on Optical Communication (ECOC 2010) at Turin, Italy, September 2010, Th. 9. C. 4.
205. Kibler, B., Fatome, J., Finot, C., Millot, G., Dias, F., Genty, G., Akhmediev, N. and Dudley, J.M. (2010): Observation of the optical Peregrine Soliton. EOS Annual Meeting at Paris, France, October 2010, 4017.
206. Kibler, B., Fatome, J., Finot, C., Millot, G., Dias, F., Genty, G., Akhmediev, N. and Dudley J.M. (2010): Supercontinuum to solitons: New nonlinear structures in fiber propagation. IEEE proceedings of the Photonics Global Conference (PGC) at Singapore Orchard, Singapore, December 2010, 1.
207. A. Boucon, J. Fatome, C. Finot, T. Sylvestre, M.W. Lee, P. Grelu, G. Millot 29^{èmes} Journées Nationales de l'Optique Guidée Besançon 20-22 Octobre 2010 : Laser impulsif Raman à verrouillage de modes passif fonctionnant à 1 GHz.
208. S. Cordette, I. Fsaifes, B. Kibler, C. Ware, C. Lepers, C. Finot and G. Millot 29^{èmes} Journées Nationales de l'Optique Guidée, Besançon 20-22 Octobre 2010 : Evaluation expérimentale des performances d'un système hybride WDM/DS-OCDMA.
209. P. Morin, B. Kibler, J. Fatome, et G. Millot, JNOG Besançon Besançon Octobre 2010 : Annulation de la biréfringence de groupe et de l'instabilité de modulation vectorielle dans une fibre microstructurée air/silice.
210. C. Finot, K. Hammani, B. Kibler, G. Millot : Soliton generation and rogue-wave like behavior through four order modulation instability, Nonlinear Photonics, Karlsruhe, Allemagne, 21-24 juin 2010.
211. G. Genty, B. Kibler, J. Fatome, C. Finot, G. Millot, F. Dias, N. Akhmediev, J.M. Dudley : Observation of the Peregrine optical soliton, EOS Annual Meeting 2008, Paris, 26-29 octobre 2010.
212. Hammani K., Kibler B., Finot C., Picozzi A., « Emergence of rogue waves from optical turbulences », Nonlinear Photonics Karlsruhe Allemagne xx (2010)
213. Kibler B., Finot C., Millot G., « Fibre microstructurée à deux zéros de dispersion : étude des fluctuations de microstructure sur des applications à haut-débit et détermination expérimentale du second zéro de dispersion », atelier du GDR 3073, Phonomi2 (2008) Lille France
214. Kibler B., Finot C., Millot G., Wojcik J., Szpulak M., Urbanczyk W., «Second zero-dispersion measurement in suspended core fiber », COST 299 Optical Fibers for New Challenges Facing the Information Society, technical meeting (2008) Madere Portugal.

2011

215. Kibler, B., Fatome, J., Finot, C., Hammani, K., Millot, G., Dias, F., Genty, G., Erkintalo, M., Akhmediev, N., Wetzel, B. and Dudley, J.M. (2011): Rediscovered dynamics of nonlinear fiber optics: from breathers to extreme localisation. SPIE Photonics West at San Francisco, USA, January 2011, 7917-7931.
216. Kibler, B., Hammani, K., Fatome, J., Finot, C., Millot, G., Dias, F., Genty, G., Akhmediev, N. and Dudley, J. M. (2011): Peregrine soliton in optical fiber-based systems. Proceedings of the Conference on Laser and ElectroOptic at Baltimore, USA, May 2011, paper QFF1.
217. Hage, C.-H., Kibler, B., Andresen, E.R., Michel, S., Rigneault, H., Courjaud, A., Mottay, E., Dudley, J.M., Millot, G. and Finot, C. (2011): Optimization and characterization of a femtosecond tunable light source based on the soliton self-frequency shift in photonic crystal fiber. SPIE Conference on Nonlinear Optics and Applications V, May 2011, 8071, 1-7.
218. Wetzel, B., Erkintalo, M., Genty, G., Dias, F., Hammani, K., Kibler, B., Fatome, J., Finot, C., Millot, G., Akhmediev, N. and Dudley, J.M. (2011): Analytical studies of modulation instability and nonlinear compression dynamics in optical fiber propagation. Proceedings SPIE 8073, Optical Sensors and Photonic Crystal Fibers V, 80732N (May 09, 2011), 60.

219. Boucon, A., Barviau, B., Fatome, J., Finot, C., Sylvestre, T., Lee, M.W., Grelu, P. and Millot, G. (2011): High-harmonic km-long self-pulsed Raman fiber laser. IEEE Proceedings of the 12th Conference on Lasers and Electro-Optics and European Quantum Electronics Conference (CLEO Europe-EQEC) at Munich, Germany, May 2011, 1.
220. Hammani, K., Kibler, B., Finot, C., Fatome, J., Dudley, J.M. and Millot, G. (2011): Optical Peregrine soliton generation in standard telecommunications fiber. Proceedings of the 13th International Conference on Transparent Optical Network at Stockholm, Sweden, June 2011, paper Tu.B2.2.
221. Morin, P., Fatome, J., Finot, C., Pitois, S. and Millot, G. (2011): All-optical simultaneous polarization attraction and intensity regeneration of a 40-Gbit/s RZ signal. Proceedings of the 37th European Conference and Exposition on Optical Communications, OSA Technical Digest (CD) (Optical Society of America, 2011), paper Th.12.
222. Goery Genty, B. Kibler, J. Fatome, C. Finot, G. Millot, F. Dias, N. Akhmediev, J. M. Dudley, Optical Rogue Waves: Physics and Impact, Conference on Optical Fiber Communication (OFC)/National Fiber Optic Engineers Conference(NFOEC) (2011).
223. Julien Fatome, Stephane Pitois, Philippe Morin, Christophe Finot, Guy Millot, Light-by-Light Polarization Control for Telecommunication Applications, INT C TRANS OPT NETW (ICTON), (2011).
224. Cedric Ware, Steevy Cordette, Catherine Lepers, Ihsan Fsaifes, Alessandro Tonello, Vincent Couderc, Marc Douay, Bertrand Kibler, Christophe Finot, Guy Millot, Optical CDMA Enhanced by Nonlinear Optics, INT C TRANS OPT NETW, (2011).
225. B. Kibler, K. Hammani, J. Fatome, C. Finot, G. Millot, F. Dias, G. Genty, N. Akhmediev, J.M. Dudley, SPIE Optics+Optoelectronics, Prague 18-21 Avril 2011: Observation of the optical Peregrine soliton.
226. K. Hammani, B. Kibler, J. Fatome, C. Finot, G. Millot, F. Dias, G. Genty, N. Akhmediev and J.M. Dudley, CLEO (Conference on Laser and ElectroOptic), Baltimore, 1-6 mai 2011: Peregrine soliton in optical fiber-based systems.
227. G. Genty, M. Erkintalo, J. Fatome, C. Finot, K. Hammani, G. Millot, F. Dias, N. Akhmediev, B. Wetzell, J.M. Dudley, 30 URSI General assembly and scientific symposium of international union of radio science, paper D08.2, Istanbul 13-20 Aout 2011: Optical rogue waves and localized structures in nonlinear fiber optics.
228. J. Fatome, P. Morin, C. Finot, S. Pitois and G. Millot, ECOC 2011 (European Conference on Optical Communication) Geneve 18-22 Septembre 2011 : Simultaneous and all-optical polarization attraction and regeneration of a 40-Gbit/s RZ signal.
229. P. Morin, J. Fatome, C. Finot, S. Pitois, C.H. Hage, V. Tissot, R. Claveau et G. Millot 30^{èmes} Journées Nationales de l'Optique Guidée, Marseille 4-7 Juillet 2011 : Double regeneration tout-optique du profil temporel et de l'état de polarisation d'un signal telecom à 40 Gbit/s.
230. C. Michel, B. Kibler, G. Millot, P. Suret, S. Randoux, S. Rica et A. Picozzi HORIZONS – OPTIQUE, Marseille Juillet 2011 : Approche non conventionnelle sur les conversions non linéaires par la théorie cinétique.
231. G. Genty, B. Kibler, J. Fatome, C. Finot, G. Millot, F. Dias, M. Erkintalo, N. Akhmediev, J.M. Dudley : Rediscovered dynamics of nonlinear fiber optics: from breathers to extreme localisation, paper 7917-31, SPIE Photonics West, San Francisco, 22-27 Janvier 2011.
232. C. Finot, C. Hage, B. Kibler, E. Mottay, H. Rigneault, K.M. Dudley, G. Millot: Optimization and characterization of a femtosecond tunable light source based on the soliton self-frequency shift in photonic crystal fiber, SPIE Optics+Optoelectronics, Prague, 18-21 Avril 2011.

2012

233. Kibler, B., Michel, C., Kudlinski, A., Barviau, B., Millot, G. and Picozzi, A. (2012): Spontaneous generation of spectral incoherent solitons through supercontinuum generation. Nonlinear Photonics at Colorado Springs, USA, June 2012, OSA Technical Digest (CD) (Optical Society of America, 2007), paper NM2C. 5.

234. Kibler, B., Fatome, J., Finot, C., Millot, G., Genty, G., Akhmediev, N., Wetzel, B., Dias, F. and Dudley, J.M. (2012): Kuznetsov-Ma Soliton Dynamics in Nonlinear Fiber Optics. Nonlinear Photonics at Colorado Springs, USA, June 2012, OSA Technical Digest (CD) (Optical Society of America, 2007), paper NW3D. 5.
235. Morin, P., Fatome, J., Finot, C., Pitois, S. and Millot, G. (2012): All-optical nonlinear simultaneous polarization and intensity regeneration of a 40-Gb/s telecommunication signal. Nonlinear Photonics at Colorado Springs, USA, June 2012, OSA Technical Digest (CD) (Optical Society of America), paper NM3C. 3.
236. Fatome, J., Finot, C., Millot, G., Armaroli, A. and Trillo, S. (2012): Four-wave mixing instabilities in telecom fibers. Proceedings of Integrated Photonics Research, Silicon and Nanophotonics at Colorado Springs, USA, June 2012, OSA Technical Digest (CD) (Optical Society of America), paper JM5A. 39.
237. M. Erkintalo, K. Hammani, B. Kibler, C. Finot, G. Millot, N. Akhmediev, J.M. Dudley, G. Genty SPIE Photonics West 2012 San Francisco 21.26 janvier 2012: Higher-order modulation instability in nonlinear fiber optics.
238. M. Erkintalo, K. Hammani, B. Kibler, C. Finot, G. Millot, N. Akhmediev, J.M. Dudley, G. Genty Quantum Electronics and Laser Science Conference (QELS) 2012 San Jose, United-State 6-11 may 2012: Higher-order modulation instability in optical fibers.
239. B. Kibler, J. Fatome, C. Finot, G. Millot, M. Erkintalo, G. Genty, B. Wetzel, N. Akhmediev, F. Dias, J.M. Dudley Collapses and turbulence : Achievements, Developments and Perspectives Novosibirsk, Russia 4-6 june 2012: Nonlinear dynamics of modulated signals in optical fibers, Solitons.
240. C.H. Hage, F. Billard, B. Kibler, C. Finot and G. Millot, Recueil des communications des 32^{èmes} Journées Nationales de l'Optique Guidée, Corrélation croisée large bande à partir d'une photodiode à deux photons, Lyon 10-12 juillet 2012.
241. G. Millot, B. Kibler, J. Fatome, C. Finot, G. Genty, N. Akhmediev, B. Wetzel, F. Dias, J.M. Dudley: Kuznetsov-Ma Soliton Dynamics in Nonlinear Fiber Optics, Nonlinear Photonics, 17-21 June 2012, Colorado Springs, USA.
242. J. Fatome, C. Finot, G. Millot, A. Armaroli, S. Trillo : Onde de chocs et instabilités collectives dans les fibres optiques, Recueil des communications des 32^{èmes} Journées Nationales de l'Optique Guidée, Lyon, 10-12 juillet 2012.
243. C. Finot, B. Kibler, J. Fatome, G. Millot, G. Genty, N. Akhmediev, B. Wetzel, F. Dias, J.M. Dudley : Dynamique des solitons de Kuznetsov-Ma observée en optique fibrée non-linéaire, Recueil des communications des 32^{èmes} Journées Nationales de l'Optique Guidée, Lyon, 10-12 juillet 2012.

2013

244. Wabnitz, S., Finot, C., Fatome, J. and Millot, G. (2013): Shallow water rogue waves in nonlinear optical fibers. IEEE Proceedings of the Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference (CLEO EUROPE/IQEC) at Munich, Germany, May 2013, 1.
245. Fatome, J. Pitois, S. Morin, P. Bony, P. Assemat, E. Sugny, D. Picozzi, A. Jauslin, H., Millot, G., Kozlov, V. Guasoni, M. and Wabnitz, S. (2013): A universal all-fiber Omnipolarizer. Proceedings of the conference Nonlinear Optics, OSA Technical Digest (online) (Optical Society of America, 2013), paper NM2B.2.
246. B. Kibler, G. Xu, C. Michel, A. Kudlinski, B. Barviau, G. Millot, A. Picozzi, Spontaneous generation of spectral incoherent solitons through supercontinuum generation, Conference on Lasers and Electro-Optics Europe & International Quantum Electronics Conference (CLEO/Europe-IQEC) (2013).

247. G. Xu, B. Kibler, C. Michel, A. Kudlinski, B. Barviau, G. Millot, A. Picozzi: Spontaneous generation of spectral incoherent solitons through supercontinuum generation, Conference on Lasers and Electro-Optics, Munich, Allemagne, 12-16 Mai 2013.
248. B. Frisquet, B. Kibler, G. Millot: Giant soliton on finite background in nonlinear fiber optics, Nonlinear Optics Applications XII International Workshop, Gdansk, Pologne, 18-21 Septembre 2013.
249. Wabnitz, C. Finot, J. Fatome and G. Millot : Une nouvelle famille d'ondes scélérates dans les fibres optiques, 16^{ème} rencontre du Non-Linéaire, Paris, 25-27 Mars 2013.
250. B. Kibler, C. Michel, G. Xu, B. Barviau, G. Millot, A. Picozzi: Formation de solitons spectraux incohérents lors de la génération supercontinuum en fibre a cristaux photonique" , Optique Paris, Coloq, Un. Paris Nord, 8-11 Juillet 2013, Villetaneuse, France
251. G. Xu, B. Kibler, G. Millot, S. Trillo, C. Michel, J. Garnier, B. Barviau, A. Picozzi: Thermodynamic approach of supercontinuum generation in photonic crystal fibers, Spatio-temporal Complexity in Optical Fibers Annual Meeting, Como, Italie, 15-19 Septembre 2013.

2014

252. Kibler, B., Frisquet, B., Morin, P., Fatome, J., Baronio, F., Conforti, M., Millot, G. and Wabnitz, S. (2014): Manakov Polarization Modulation Instability in Normal Dispersion Optical Fiber. Advanced Photonics at Barcelona, Spain, July 2014, OSA Technical Digest (online) (Optical Society of America, 2014), paper NW2A.2.
253. Xu, G., Garnier, J., Trillo, S., Kibler, B., Millot, G., Suret, P., Randoux, S. and Picozzi, A. (2014): Temporal Dynamics of Incoherent Nonlinear Waves. Advanced Photonics at Barcelona, Spain, July 2014, OSA Technical Digest (online) (Optical Society of America, 2014), paper NW2A.1.
254. Varlot, B., Wabnitz, S., Fatome, J., Millot, G. and Finot, C. (2014): Flaticon Pulses in Optical Fibers. Advanced Photonics at Barcelona, Spain, July 2014, OSA Technical Digest (online) (Optical Society of America, 2014), paper NTh4A.1.
255. Kibler, B., Frisquet, B., Morin, P., Fatome, J., Baronio, F., Conforti, M., Millot, G. and Wabnitz, S. (2014): Observation of Manakov polarization modulation instability in the normal dispersion regime of randomly birefringent telecom optical fiber. IEEE Proceedings of the 2014 European Conference on Optical Communication (ECOC) at Cannes, France, September 2014, 1-3.
256. Bony, P.Y., Guasoni, M., Pitois, S., Morin, P., Sugny, D., Picozzi, A., Jauslin, H.R., Millot, G., Wabnitz, S. and Fatome, J. (2014): A universal all-fiber Omnipolarizer. Proceedings of the 2014 IEEE Photonics Conference (IPC) at San Diego, USA, October 2014, 483-484.
257. Varlot, Bastien; Wabnitz, Stefan; Fatome, Julien; Millot, Guy; Finot, Christophe; Émergence de flaticons dans les fibres optiques, 34^{èmes} Journées Nationales d'Optique Guidée, 219-221, 2014.
258. Wabnitz, B. Varlot, J. Fatome, G. Millot and C. Finot : Flaticon pulses in optical fibers, Nonlinear Photonics, paper NTh4A.1, Barcelona, Spain, 27-31 Juillet 2014.
259. Wabnitz, B. Kibler, B. Frisquet, Ph. Morin, J. Fatome, F. Baronio, M. Conforti, G. Millot,: Manakov polarization modulation instability in normal dispersion optical fiber. Paper NW2A.2, Nonlinear Photonics, Barcelone, Espagne, 27-31 Juillet 2014
260. C. Finot, M. Conforti, A. Mussot, J. Fatome, S. Pitois, K. Hammani, B. Kibler, C. Michel, G. Millot and A. Picozzi: Turbulent dynamics of an incoherently pumped passive optical fibre cavity : quasi-solitons and dispersive waves, SIAM Conference on Nonlinear Waves and Coherent Structures, Cambridge, Royaume-Uni, 11-14 aout 2014
261. S. Wabnitz, B. Kibler, B. Frisquet, Ph. Morin, J. Fatome, F. Baronio, M. Conforti, G. Millot: Observation of Manakov Polarization Modulation Instability in the Normal Dispersion Regime of Randomly Birefringent Telecom Optical Fiber. Paper We.3.7.4, 40th ECOC (CLEO Focus Meeting), Cannes, France, 21-25 Septembre 2014

262. B. Frisquet, B. Kibler, P. Morin, J. Fatome, F. Baronio, M. Conforti, G. Millot, S. Wabnitz : Instabilité de modulation vectorielle de type Manakov dans une fibre optique à dispersion normale, JNOG Nice, 29-31 Octobre 2014.
263. Hammani, Kamal; Fatome, Julien; Millot, Guy; Boscolo, Sonia; Rigneault, Herve; Wabnitz, Stefan; Finot, Christophe; ,Nonlinear pulse shaping in normally dispersive fibers: experimental examples, SIAM Conference on Nonlinear Waves and Coherent Structures, 2014.
264. Conforti, Matteo; Mussot, Arnaud; Fatome, Julien; Pitois, Stéphane; Hammani, Kamal; Finot, Christophe; Kibler, Bertrand; Michel, Claire; Millot, Guy; Picozzi, Antonio; ,Turbulent Dynamics of an Incoherently Pumped Passive Optical Fibre Cavity: quasi-solitons and dispersive waves, SIAM Conference on Nonlinear Waves and Coherent Structures, 2014.

2015

265. Ming, Yan, Pitois, S., Hovannysyan, T., Bendahmane, A., Hänsch, T.W., Picqué, N., Millot, G. (2015): Dual-Comb Spectroscopy with Frequency-Agile Lasers. **Postdeadline** paper STh5C.6 CLEO US at San Jose, USA, 12-15 May 2015.
266. Bony, Pierre-Yves; Guasoni, Massimiliano; Pitois, Stéphane; Picozzi, Antonio; Sugny, Dominique; Jauslin, Hans; Millot, Guy; Wabnitz, Stefan; Fatome, Julien; All-optical polarization control for telecom applications, Optical Fiber Communication Conference, W1K. 3,2015,Optical Society of America".
267. Boscolo, Sonia; Fatome, Julien; Turitsyn, Sergei K; Millot, Guy; Finot, Christophe; ,Temporal and spectral nonlinear pulse shaping methods in optical fibers ,All-Optical Signal Processing,,105-128,2015, Springer, Cham.
268. Ishizawa, Atsushi; Nishikawa, Tadashi; Yan, Ming; Millot, Guy; Gotoh, H; Hänsch, TW; Picqué, Nathalie; ,Optical frequency combs of multi-GHz line-spacing for real-time multi-heterodyne spectroscopy,"(CLEO) 2015 Conference on Lasers and Electro-Optics,1-2,2015,IEEE
269. Yan, Ming; Pitois, Stéphane; Hovannysyan, Tatevik; Bendahmane, Abdelkrim; Hänsch, Theodor W; Picqué, Nathalie; Millot, Guy; ,Dual-comb spectroscopy with frequency-agile lasers,CLEO: QELS_Fundamental Science,JTh5C. 6,2015,Optical Society of America.
270. Finot, Christophe; Fatome, Julien; Millot, Guy; Armaroli, A; Trillo, Stefano; Collision de mascarets optiques dans les fibres optiques, "Optique Bretagne 2015, 14ième Colloque sur les Laser et l'Optique Quantique",8, 2015.
271. Aceves, Alejandro; Baronio, Fabio; Conforti, Matteo; Degasperis, Antonio; Frisquet, Benoit; Kibler, Bertrand; Lombardo, Sara; Millot, Guy; Morin, Philippe; Wabnitz, Stefan; ,Multicomponent rogue waves, Progress in Electromagnetics Research Symposium,2015,,861-865,2015,The Electromagnetics Academy.
272. Frisquet, B; Kibler, B; Fatome, J; Morin, P; Baronio, F; Conforti, M; Millot, G; Wabnitz, S; Observation of Black Vector Rogue Waves in the Normal Dispersion Regime of Optical Fibers, European Quantum Electronics Conference, EF_4b_2,2015,Optical Society of America.
273. Millot, Guy; Pitois, Stéphane; Picqué, Nathalie; ,Dual-Comb Spectroscopy by Spectral Broadening of an Intensity-Modulated Continuous-wave Laser in the C-and L-Telecom Bands,The European Conference on Lasers and Electro-Optics, CH_7_1,2015,Optical Society of America.
274. Bony, Pierre-Yves; Guasoni, Massimiliano; Gilles, Marin; Picozzi, Antonio; Pitois, Stéphane; Millot, Guy; Wabnitz, Stefan; Fatome, Julien; ,Nonlinear Polarization Manipulation in Optical Fibers, Frontiers in Optics,,FW4F. 1,2015,Optical Society of America".
275. G. Millot, S. Pitois, N. Picqué: Near-Infrared Dual-Comb Spectroscopy with a Continuous-Wave Laser, FRISNO 13th French/Israeli Symposium on Nonlinear and Quantum Optics, 17-22 March 2015, Aussois, France.

2016

276. Yan, Ming; Luo, Pei-Ling; Iwakuni, Kana; Millot, Guy; Hänsch, Theodor W; Picqué, Nathalie; Mid-infrared frequency-agile dual-comb spectroscopy with Doppler-limited resolution, Lasers and Electro-Optics (CLEO), 2016 Conference on", 1-2,2016,IEEE. paper SW4H.4, https://doi.org/10.1364/CLEO_SI.2016.SW4H.4
277. Yan, Ming; Luo, Pei-Ling; Iwakuni, Kana; Millot, Guy; Hänsch, Theodor; Picqué, Nathalie; Doppler-limited Frequency-agile Dual-comb Spectroscopy around 3 μm ," Laser Applications to Chemical, Security and Environmental Analysis", LT1G. 3,2016, Optical Society of America".
278. Nuño, Javier; Finot, Christophe; Millot, Guy; Trillo, Stefano; Fatome, Julien; ,Ballistic dispersive shock waves in optical fibers, Nonlinear Photonics,,,JW6A. 2,2016,Optical Society of America.
279. Krupa, Katarzyna; Tonello, Alessandro; Dupiol, Richard; Bendahmane, Abdelkrim; Shalaby, Badr M; Fabert, Marc; Barthélémy, Alain; Millot, Guy; Wabnitz, Stefan; Couderc, Vincent; ,Optical Fibers Enter a New Space-Time Era, Nonlinear Photonics, NW5A. 2,2016,Optical Society of America.
280. Wabnitz, Stefan; Krupa, K; Tonello, A; Bendahmane, A; Dupiol, R; Shalaby, BM; Fabert, M; Louot, Ch; Guenard, R; Barthélémy, A; ,Spatiotemporal Nonlinear Beam Shaping, Latin America Optics and Photonics Conference, LTh2A. 2,2016, Optical Society of America.
281. Krupa, K; Tonello, A; Bendahmane, A; Dupiol, R; Shalaby, BM; Fabert, Marc; Barthélémy, Alain; Millot, G; Wabnitz, S; Couderc, Vincent; Spatial and spectral nonlinear shaping of multimode waves,"Photonics Conference (IPC), 2016 IEEE", 572-573,2016,IEEE.
282. Krupa, K; Tonello, A; Bendahmane, A; Dupiol, R; Shalaby, BM; Fabert, Marc; Barthélémy, Alain; Millot, G; Wabnitz, S; Couderc, Vincent; ,Spatiotemporal Nonlinear Interactions in Multimode Fibers, ECOC 2016" 42nd European Conference on Optical Communication Proceedings of,,,1-3,2016,VDE
283. Krupa, Katarzyna; Guénard, Romain; Tonello, Alessandro; Bendahmane, A; Dupiol, R; Shalaby, BM; Fabert, Marc; Louot, Christophe; Pagnoux, Dominique; Leproux, Philippe; ,Coherent wavelength generation in multimode fibers,4eme symposium du LAPHIA,,,,2016.
284. Yan, Ming; Luo, Pei-Ling; Iwakuni, Kana; Millot, Guy; Hänsch, Theodor; Picque, Nathalie; ,Mid-infrared and Near-infrared Dual-comb Spectroscopy with Electro-optic Modulators,Fourier Transform Spectroscopy,,,FTh3B. 4,2016,Optical Society of America
285. Ceoldo, Davide; Bendahmane, Abdelkrim; Fatome, Julien; Millot, Guy; Hansson, Tobias; Modotto, Daniele; Wabnitz, Stefan; Kibler, Bertrand; ,Kerr Frequency Combs in a Bichromatically Pumped Nonlinear Fiber Ring Cavity, ECOC 2016"42nd European Conference on Optical Communication Proceedings of,,,1-3,2016,VDE
286. Bendahmane, Abdelkrim; Fatome, Julien; Finot, Christophe; Millot, Guy; Kibler, Bertrand; ,Seeding of modulation instability in a nonlinear fiber ring cavity,ECOC 2016" 42nd European Conference on Optical Communication Proceedings of,,,1-3,2016,VDE.
287. Luo, Pei-Ling; Picqué, Nathalie; Hänsch, Theodor W.; Millot, Guy; Iwakuni, Kana; Yan, Ming, Mid-infrared frequency-agile dual-comb spectroscopy,2016,International Symposium on Molecular Spectroscopy, 2016-06-21.

2017

288. Wabnitz, Stefan; Krupa, Katarzyna; Tonello, Alessandro; Barthelemy, Alain; Millot, Guy; Modotto, Daniele; Couderc, Vincent; ,Nonlinear dynamics of spatio-temporal waves in multimode fibres, Nonlinear Optics,NTu2B. 4, 2017, Optical Society of America.

289. Parriaux, Alexandre; Conforti, Matteo; Bendahmane, A; Fatome, Julien; Finot, Christophe; Trillo, S; Picqué, Nathalie; Millot, Guy; ,Elargissement spectral d'impulsions par ondes de choc dispersives dans les fibres optiques,37èmes Journées Nationales d'Optique Guidée (JNOG 2017), 2017.
290. Krupa, K; Modotto, D; Couderc, V; Barthelemy, A; Tonello, A; Millot, G; Wabnitz, S; Spatio-temporal beam dynamics in multimode nonlinear optical fibers," Transparent Optical Networks (ICTON), 2017 19th International Conference on",1-4,2017,IEEE.
291. Dupiol, Richard; Bendahmane, Abdelkrim; Krupa, Katarzyna; Tonello, Alessandro; Fabert, Marc; Kibler, Bertrand; Sylvestre, Thibaut; Barthelemy, Alain; Couderc, Vincent; Wabnitz, Stefan; Cascaded intermodal four-wave mixing in a few-mode fiber,The European Conference on Lasers and Electro-Optics,,,CD_2_4,2017,Optical Society of America.
292. Bendahmane, Abdelkrim; Ceoldo, Davide; Fatome, Julien; Millot, Guy; Hansson, Tobias; Modotto, Daniele; Wabnitz, Stefan; Kibler, Bertrand; Bichromatically pumped nonlinear fiber ring cavity,"Lasers and Electro-Optics Europe & European Quantum Electronics Conference (CLEO/Europe-EQEC, 2017 Conference on)"" , 1-1,2017,IEEE"
293. Guasoni, M; Xu, G; Garnier, J; Rumpf, B; Sugny, D; Fatome, J; Millot, G; Picozzi, A; Fermi-Pasta-Ulam recurrences of incoherent waves, Nonlinear Photonics, NpTh2C. 5,2018,Optical Society of America.
294. Ceoldo, Davide; Krupa, Katarzyna; Tonello, Alessandro; Couderc, Vincent; Modotto, Daniele; Minoni, Umberto; Millot, Guy; Wabnitz, Stefan; ,Second harmonic generation and beam cleaning in optically poled multimode graded-index fibers, The European Conference on Lasers and Electro-Optics, CD_P_4, 2017,Optical Society of America.
295. Guénard, Romain; Krupa, Katarzyna; Dupiol, Richard; Fabert, Marc; Bendahmane, Abdelkrim; Kermene, Vincent; Desfarges-Berthelemot, Agnès; Tonello, Alessandro; Auguste, Jean-Louis; Barthelemy, Alain; Nonlinear spatial self-cleaning in multimode amplifying fiber and fiber laser cavity,"Lasers and Electro-Optics Europe & European Quantum Electronics Conference (CLEO/Europe-EQEC, 2017 Conference on),1-1,2017,IEEE
296. Dupiol, Richard; Bendahmane, Abdelkrim; Krupa, Katarzyna; Tonello, Alessandro; Fabert, Marc; Kibler, Bertrand; Sylvestre, Thibaut; Barthélémy, Alain; Couderc, Vincent; Wabnitz, Stefan; Conversions de frequence ultra large bande par melange a quatre ondes intermodal en cascade dans les fibres multimodes, Journées Nationales d'Optique Guidée, 2017.

2018

297. Wabnitz, Stefan; Tonello, Alessandro; Couderc, Vincent; Modotto, Daniele; Barthelemy, Alain; Millot, Guy; Krupa, Katarzyna; ,Nonlinear dynamics in multimode optical fibers, Quantum Sensing and Nano Electronics and Photonics XV,10540,,105402B,2018,International Society for Optics and Photonics.
298. Parriaux, Alexandre; Hammani, Kamal; Millot, Guy; ,2 ?m Dual-Comb Generation by Modulation Instability for Spectroscopic Applications, Mid-Infrared Coherent Sources,,,MW4C. 4,2018,Optical Society of America
299. Perret, S; Fanjoux, G; Bigot, L; Fatome, J; Millot, G; Dudley, JM; Sylvestre, T; ,Supercontinuum generation and intermodal four-wave mixing in a step-index few-mode fibre, Nonlinear Optics and its Applications 2018,10684,106841D,2018, International Society for Optics and Photonics
300. Bendahmane, A; Dupiol, R; Krupa, K; Tonello, A; Fatome, J; Fabert, M; Kibler, B; Sylvestre, T; Barthelemy, A; Couderc, V; ,Intermodal Modulation Instability and Four-Wave Mixing in Graded-Index Few-Mode Fibers, CLEO: Science and Innovations,,,SW3K. 6,2018,Optical Society of America.

301. Wabnitz, S; Krupa, K; Modotto, D; Tonello, A; Barthélémy, A; Couderc, V; Millot, G; ,Nonlinear Multimode Fiber Optics,CLEO: Science and Innovations,,,SM3D. 3,2018,Optical Society of America.
302. Dupiol, R; Krupa, K; Tonello, A; Fabert, M; Modotto, D; Wabnitz, S; Millot, G; Couderc, V; ,Kerr and Raman beam cleanup with supercontinuum generation in multimode microstructure fiber,CLEO: Science and Innovations,,,SM3D. 6,2018,Optical Society of America.
303. Audo, Frédéric; Kibler, Bertrand; Fatome, Julien; Finot, Christophe; Millot, Guy; Experimental observation of dispersive photon focusing dam break flows (Conference Presentation),Nonlinear Optics and its Applications 2018,10684,,106840H,2018,International Society for Optics and Photonics, SPIE.
304. Perret, S; Fanjoux, G; Bigot, L; Fatome, J; Millot, G; Dudley, JM; Sylvestre, T; ,Two octave supercontinuum generation by cascaded intermodal four-wave mixing in a step-index few-mode fiber,Nonlinear Photonics,NpTh2I. 1,2018,Optical Society of America.
305. S. Perret, G. Fanjoux, L. Bigot, J. Fatome, G. Millot, J. M. Dudley, T. Sylvestre, Supercontinuum Generation and Intermodal Four-Wave Mixing in a Step-Index Few-Mode Fibre, PROC SPIE, 10684, (2018).
306. Deliancourt, E; Fabert, M; Tonello, A; Krupa, K; Desfarges-Berthelemot, A; Kermene, V; Barthelemy, A; Modotto, D; Millot, G; Wabnitz, S; ,Modal attraction on low order modes by Kerr effect in a graded refractive index multimode fiber,Nonlinear Photonics,,,NpTh3C. 3,2018,Optical Society of America.
307. Krupa, K; Couderc, V; Fabert, M; Tonello, A; Barthélémy, A; Kermene, V; Desfarges-Berthelemot, A; Millot, G; Modotto, D; Wabnitz, S; ,Spatiotemporal beam shaping in nonlinear multimode fibers,Nonlinear Photonics,,,NpTh4G. 3,2018,Optical Society of America.
308. Krupa, K; Tonello, A; Fabert, M; Couderc, V; Millot, G; Minoni, U; Modotto, D; Wabnitz, S; ,Nonlinear polarization dynamics of Kerr beam self-cleaning in a GRIN multimode optical fiber,Nonlinear Photonics,,,NpTu4C. 4,2018,Optical Society of America.
309. Parriaux, Alexandre; Hammani, Kamal; Millot, Guy; ,Dual-Comb Spectroscopy around 2 μ m Based on Intensity Modulators and Parametric Conversion," Integrated Photonics Research, Silicon and Nanophotonics", JW2I. 6,2018,Optical Society of America.
310. Krupa, K; Fona, R; Tonello, A; Labruyère, A; Shalaby, BM; Wabnitz, S; Baronio, F; Aceves, AB; Millot, G; Couderc, V; ,Spatial beam cleaning in quadratic nonlinear medium,Nonlinear Photonics,,,NpTh1C. 5,2018,Optical Society of America.
311. Xu, G; Garnier, J; Rumpf, B; Fusaro, A; Suret, P; Randoux, S; Kudlinski, A; Millot, G; Picozzi, A; Catastrophic process of coherence degradation, Nonlinear Photonics,JTU5A. 28, 2018, Optical Society of America.
312. Tonello, A; Dupiol, R; Deliancourt, E; Krupa, K; Fabert, M; Guenard, R; Auguste, JL; Desfarges-Berthelemot, A; Kermene, V; Barthélémy, A; ,Kerr Beam Self-Cleaning in Multimode Fibers,Specialty Optical Fibers,,,SoW4H. 3,2018,Optical Society of America.
313. Lamy, M; Finot, C; Fatome, J; Weeber, JC; Millot, G; Kuyken, B; Roelkens, G; Brun, M; Labeye, P; Nicolletti, S; ,High speed optical transmission at 2 μ m in subwavelength waveguides made of various materials, Integrated Photonics Research, Silicon and Nanophotonics, ITu4I. 6,2018, Optical Society of America.
314. Wabnitz, S; Krupa, K; Modotto, D; Millot, G; Kharenko, DS; Gonta, VA; Podivilov, EV; Babin, S; Tonello, A; Barthélémy, A; ,Spatiotemporal pulse shaping with multimode nonlinear guided waves,2018 International Conference Laser Optics (ICLO),294-294,2018,IEEE.