Chapter 7

References

List of publications

1. A. V. Husakou, V. P. Kalosha, and J. Herrmann, "Supercontinuum generation and pulse compression in hollow fibers", Opt. Lett. **26**, 1022 (2001).

2. A. V. Husakou and J. Herrmann, "Supercontinuum generation of higher-order solitons by fission in photonic crystal fibers", Phys. Rev. Lett. **87**, 203901 (2001).

3. J. Herrmann, U. Griebner, N. Zhavoronkov, A. Husakou, D. Nickel, J. C. Knight, W. J. Wadsworth, P. St. J. Russel, G. Korn, "Experimental evidence for supercontinuum generation by fission of higher-order solitons in photonic fibers", Phys. Rev. Lett. **88**, 173901 (2002).

4. A. Husakou, J. Herrmann, "Supercontinuum generation, four-wave mixing and fission of higher-order solitons in photonic crystal fibers", JOSA B feature issue "Nonlinear optics in photonic crystals", 2002 (accepted for publication).

5. A. Husakou, V. P. Kalosha, J. Herrman, "Nonlinear phenomena with ultra-broadband optical radiation in photonic crystal fibers and hollow waveguides", submitted to *Lecture Notes on Physics*.

6. A. Husakou, J. Herrmann, "Control of phase matching and four-wave-mixing in photonic crystal fibers", manuscript in preparation.

Contributions to conference proceedings

7. V. P. Kalosha, A. V. Husakou, J. Herrmann, "Self-phase modulation and compression of few-optical-cycle pulses", CLEO/Europe 2000, Nice, Technical digest.

8. A. Husakou, V. P. Kalosha, J. Herrmann, "Ultrawide spectral broadening and pulse compression in tapered and photonic fibers", CLEO 2001, Baltimore, Technical digest.

9. A. Husakou, V. P. Kalosha, J. Herrmann, "Nonlinear phenomena with ultra-broadband optical radiation", International workshop "Optical Solitons: Theory and Experiments" (OSTE), Koshi 2002, India.

10. J. Herrmann, U. Griebner, N. Zhavoronkov, A. Husakou, D. Nickel, J. C. Knight, W. J. Wadsworth, P. St. J. Russel, G. Korn, "Experimental evidence for supercontinuum generation by fission of higher-order solitons in photonic fibers", Proceedings of CLEO 2002.

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