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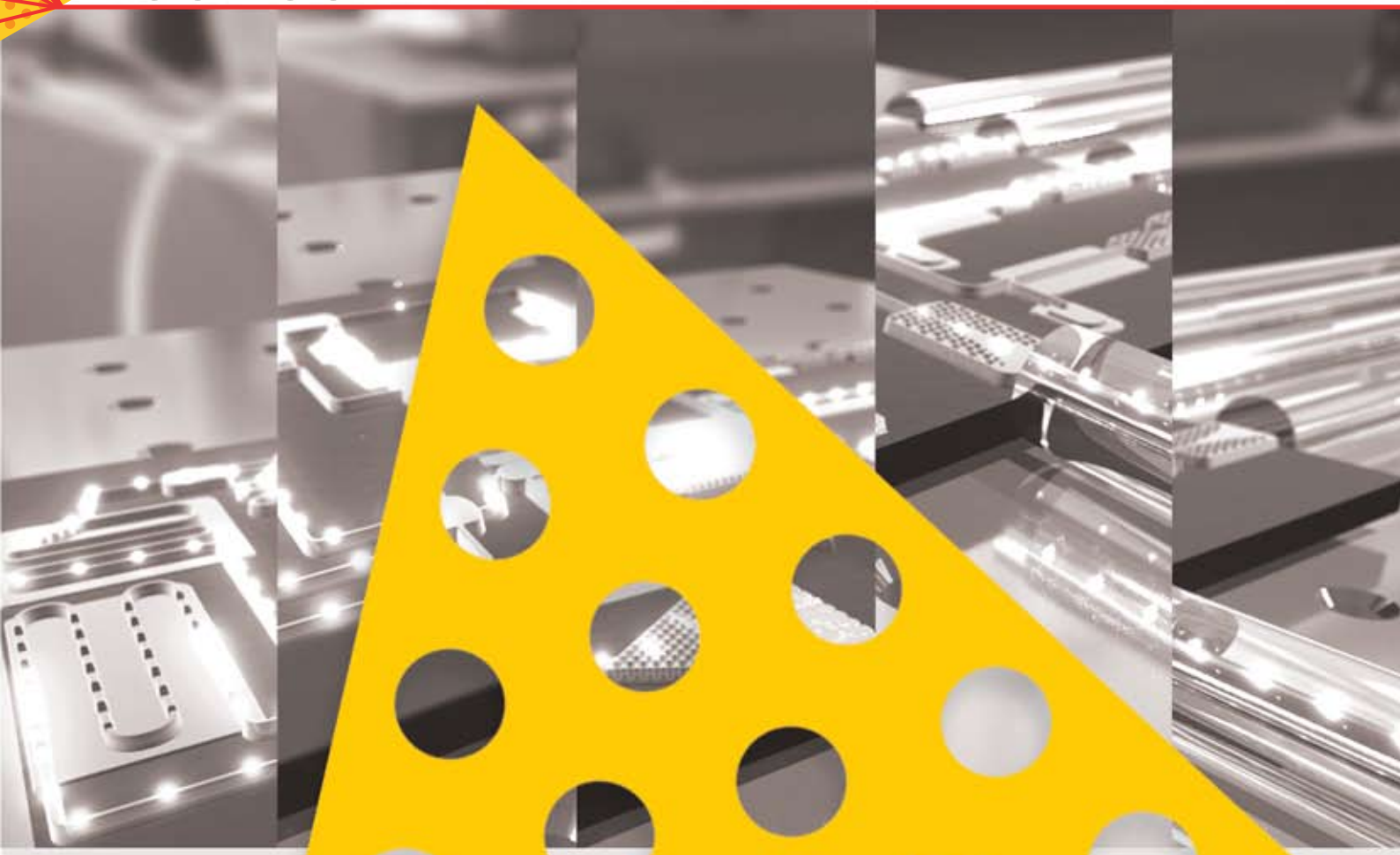

Annual Report 2007

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1. Alexander TJ, Desyatnikov AS, Kivshar YS, Multivortex solitons in triangular photonic lattices, OPTICS LETTERS 32, 1293-1295 (2007)
2. Asatryan AA, Botten LC, Byrne MA, Freilikher VD, Gredeskul SA, Shadrivov IV, McPhedran RC, Kivshar YS, Suppression of Anderson Localization in Disordered Metamaterials, PHYSICAL REVIEW LETTERS 99, 193902 (2007)
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4. Asatryan AA, Botten LC, Nicorovici NA, McPhedran RC, de Sterke CM, Tailoring the enhanced frequency shift in two-dimensional photonic clusters, PHYSICA B-CONDENSED MATTER 394, 213-216 (2007)
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7. Bordas F, Steel MJ, Seassal C, Rahmani A, Confinement of band-edge modes in a photonic crystal slab, OPTICS EXPRESS 15, 10890-10902 (2007)
8. Botten LC, Asatryan AA, Nicorovici NA, McPhedran RC, de Sterke CM, Generalisation of the transfer matrix formulation for the theory of electron and photon conductance, PHYSICA B-CONDENSED MATTER 394, 320-324 (2007)
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12. Choi DY, Madden S, Rode A, Wang RP, Luther-Davies B, Nanoscale phase separation in ultrafast pulsed laser deposited arsenic trisulfide (As_2S_3) films and its effect on plasma etching, JOURNAL OF APPLIED PHYSICS 102, 083532 (2007)
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14. de Sterke CM, Walker J, Dossou KB, Botten LC, Efficient slow light coupling into photonic crystals, OPTICS EXPRESS 15, 10984-10990 (2007)
15. Desyatnikov AS, Kivshar YS, Shchesnovich VS, Cavalcanti SB, Hickmann JM, Resonant Zener tunneling in two-dimensional periodic photonic lattices, OPTICS LETTERS 32, 325-327 (2007)
16. Dossou KB, Botten LC, Wilcox S, McPhedran RC, de Sterke CM, Nicorovici NA, Asatryan AA, Exact modelling of generalised defect modes in photonic crystal structures, PHYSICA B-CONDENSED MATTER 394, 330-334 (2007)
17. Dossou KB, McPhedran RC, Botten LC, Asatryan AA, de Sterke CM, Gap-edge asymptotics of defect modes in two-dimensional photonic crystals, OPTICS EXPRESS 15, 4753-4762 (2007)
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