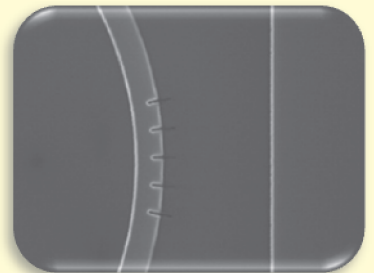
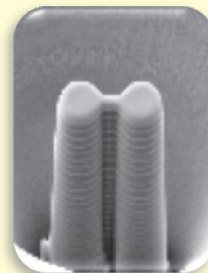
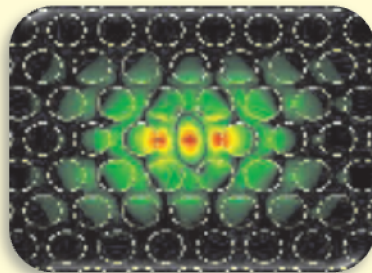
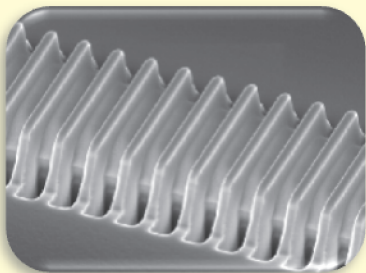


Proceedings of the
First International Workshop on
FIB for Photonics

Collocated with the 14th European Conference on Integrated Optics (ECIO 2008)

Editors

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Eindhoven, the Netherlands, 13-14 June 2008

Workshop FIB for Photonics

June 13-14, 2008, Eindhoven, the Netherlands

Programme

Friday 13/06/2008

15:30-16:30 Registration desk open
16:00 Refreshments

16:30-18:15 Session 1

16:30 *invited:* J. Gierak, "Application of a high resolution FIB nanowriter for photonic devices patterning"
17:15 *invited:* J. Schrauwen, "Iodine enhanced focused ion beam etching of silicon for photonic device modification and prototyping"
18:00 J. Tian, "Optical Quality Improvement of Si Photonic Filters Fabricated by Focused-Ion-Beam Milling"

Saturday 14/06/2008

8:30-9:30 Registration desk open
8:30-9:00 Coffee

9:00-10:30 Session 2

9:00 *invited:* G. Hobler, "3D FIB Process Simulation for Photonic Applications"
9:45 F. Causa, "FIB post-fabrication processing of Super-Luminescent Diodes"
10:00 V. Callegari, "Fabrication of 2D-InP photonic crystals by means of hole-etching using focused ion beam and characterization of the hole shape, damage and surface roughness induced by the fabrication process"
10:15 J.R. Pugh, "Design and Fabrication of a Mid Infra-Red Photonic Crystal Defect Laser in Indium Antimonide"

10:30-11:00 Coffee break

11:00-12:30 Session 3

11:00 *invited:* W.C.L. Hopman, "Focused ion beam milling strategy for sub-micrometer holes in silicon"
11:45 I. Salakhutdinov, "Focusing diffraction gratings fabricated by FIB for integrated optics applications"
12:00 R.W. Tjerkstra, "Focused ion beam milling of three dimensional nanostructures with high precision"
12:15 E.J.R. Vesseur, "Fabrication and characterization of plasmonic nanoresonators using focused-ion-beam-milling"

12:30-13:30 Lunch

13:30-15:00 Session 4

13:30 *invited:* N. Courjal/ M. Spajer, "FIB milling for lithium niobate photonic crystals"
14:15 F. Ay, "Optimization of focused ion beam nanostructuring of 1-D photonic crystals in Al₂O₃ channel waveguide"
14:30 I. Bayn, "Diamond Photonic Crystal: Ultra-high-Q nanocavity FIB assisted fabrication"
14:45 T. Thomay, "FIB-Milling of Dielectric Pillar Microcavities with Embedded Semiconductor Quantum Dots"

15:00-15:05 Closing of the workshop