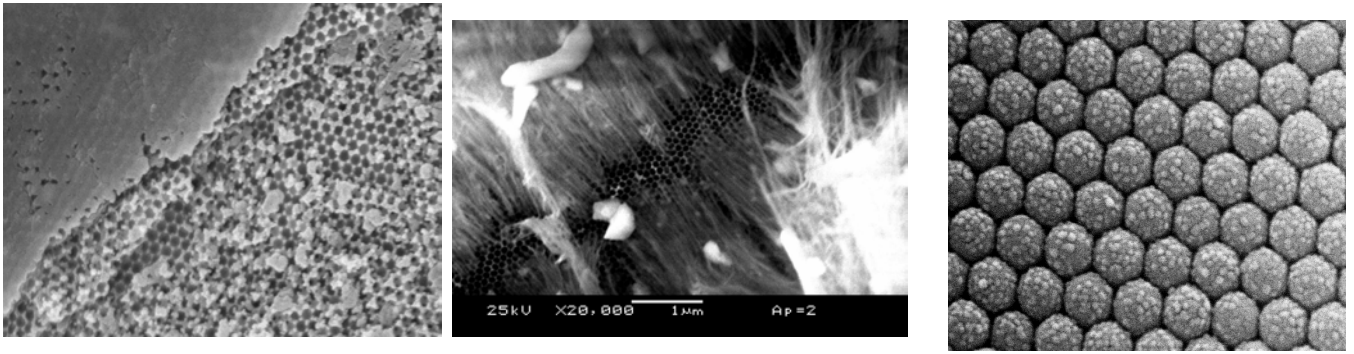


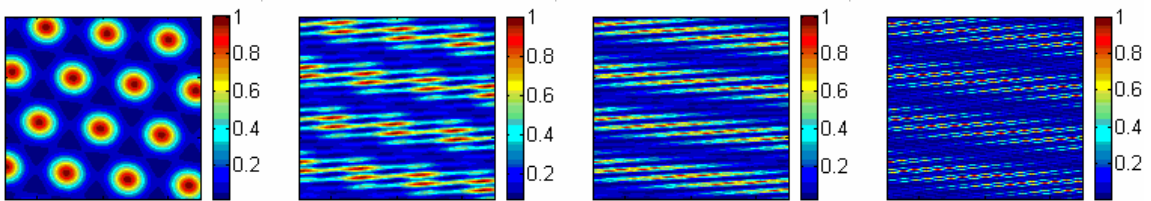
PHOTON 06 Session 10:45am Mon 4th Sept 2006



“Photonics in the Institute for Materials Research”

10:45 **INVITED: Tailoring the Photonic Band-gap by Chemical Vapour Deposition of III-V semiconductors**
H M Yates, J Zhang, T Shen, D E Whitehead, M E Pemble

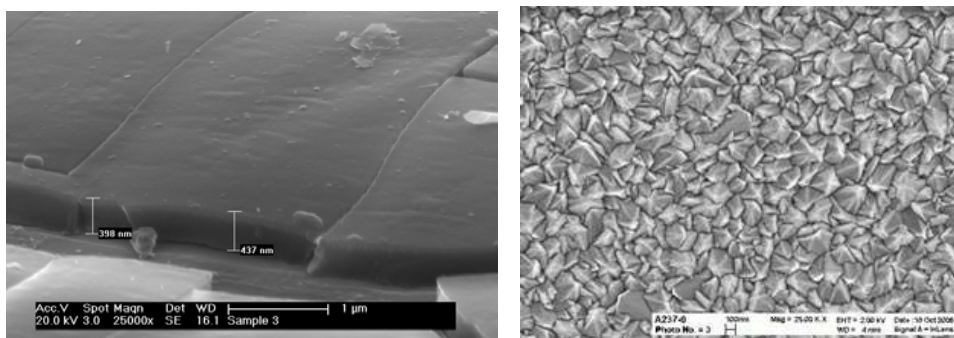
11:00 **INVITED: Photonics Theory: Solitons, Fractals and Atto-second Pulses**
G S McDonald, J M Christian, J G Huang, S C Benbow, P Chamorro-Posada, J Sanchez-Curto



Optical Fractal Formation

11:15 **INVITED: Novel optical fibre devices – projections and prospects**
R J Potton, S Yasir

11:30 **INVITED: Optical Diagnostics of Atmospheric Pressure Chemical Vapour Deposition by NIR Diode Laser Spectroscopy**
P Martin, R Holdsworth, V Kasiutich, M Davis, D Sheel



Chemical Vapour Deposition images (with Helianthos Bv, Netherlands)

11:45 **INVITED: Comparative study of laser induced breakdown spectroscopy and secondary ion mass spectrometry applied to DC magnetron sputtered as-grown copper indium diselenide (CIS)**
R D Pilkington, J Hisek, N Lucas, A E Hill, J S Cowpe, J S Astin