

8th International Workshop on Epitaxial Semiconductors on Patterned Substrates and Novel Index Surfaces

ESPS-NIS

Como (Italy), 14th - 18th June 2010



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Invited Speakers:

Erik Bakkers (Philips Research Labs Eindhoven)
Paola Atkinson (IFW Dresden)
Günther Springholz (JKU Linz)
Yong-Wei Zang (NUS Singapore)
Zhiming M. Wang (University of Arkansas)
Takaaki Mano (NIMS Tsukuba)
Kouichi Akahane (NiCT Tokyo)
Harun Solak (Eulitha and PSI Villigen)
Jae-Young Choi (SAIT Suwon)
Shiro Tsukamoto (NCT Anan)
Magnus Borgström (Lund University)

Topics:

Advanced nanopatterning techniques.
Growth of semiconductors on patterned substrates: films, islands, wires.
Semiconductor epitaxial growth on novel index surfaces.
Unconventional epitaxial methods for semiconductor growth.
Electronic, magnetic, optical and transport properties of semiconductor nanostructures on patterned or novel index substrates.
Micro- and opto-electronics with nanopatterned semiconductor substrates: nanodevice fabrication technology, characterization and modelling.
Semiconductor patterned substrates and structures for novel applications.
Nanoscale epitaxial growth.
Heterogeneous integration using selective pattern growth.



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