



California-Catalonia Alliance for Miniaturization Science and Engineering

Workshop – 18th September 2006

WTC, Barcelona, Room A2+A3, 17:15 h

Session co-organizers: Joan Bausells (CNM), Jasmina Casals (UPC),
Roger H. Rangel (UCI)

Program

Carbon MEMS (C-MEMS) for Dielectrophoresis Applications

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Integration of multi-electrode arrays with microfluidic neuron culture devices for recording extracellular potentials from neuronal networks, a proposal for IBEC-UCI collaboration

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Moving Flap Model for Fast DNA Hybridization in Microchannel Flow

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Controlled Synthesis and Optical Properties of Beaded Nanowires

J.C. Hemminger, C. Cross, W. Luo, R.M. Penner

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A MIMO System using Polarization-MEMS-Reconfigurable Antennas

A. Grau^a, H. Jafarkhani^a, J. Romeu^b, L. Jofre^b, F. De Flaviis^a

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Resonant Pull-in Condition in MEMS Resonators

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