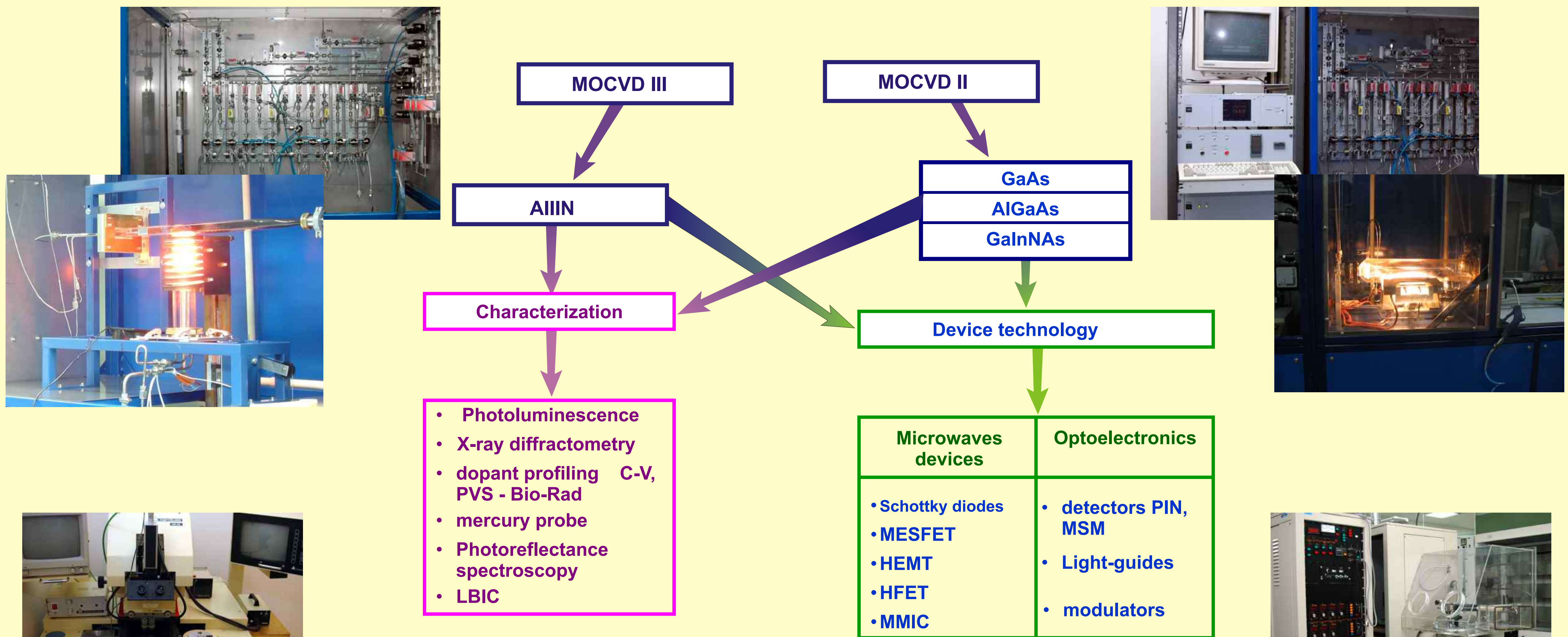




Laboratory of Nanotechnology and Semiconductor Structures

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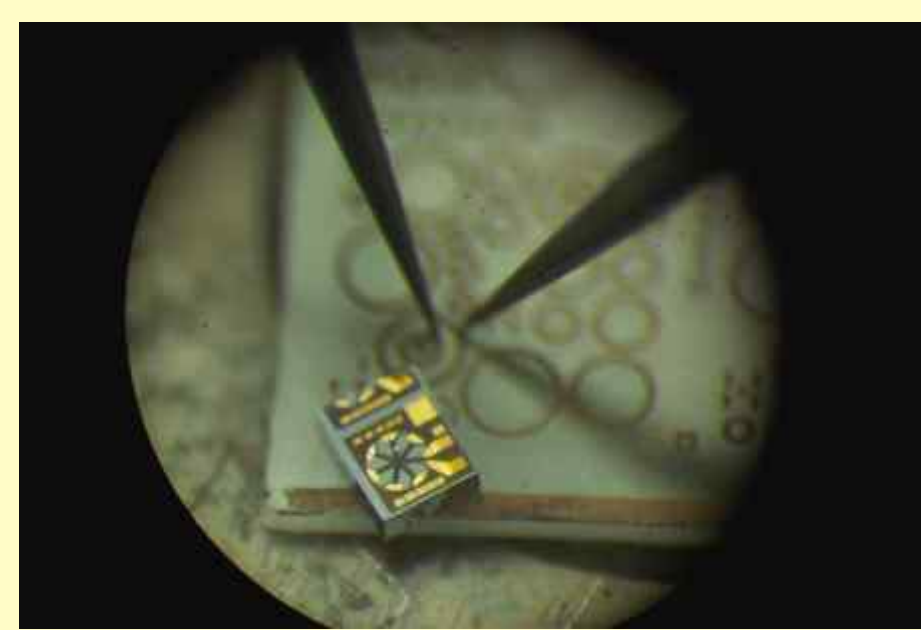
Advanced samples of structures
made in Laboratory of Nanotechnology
and Semiconductor Structures



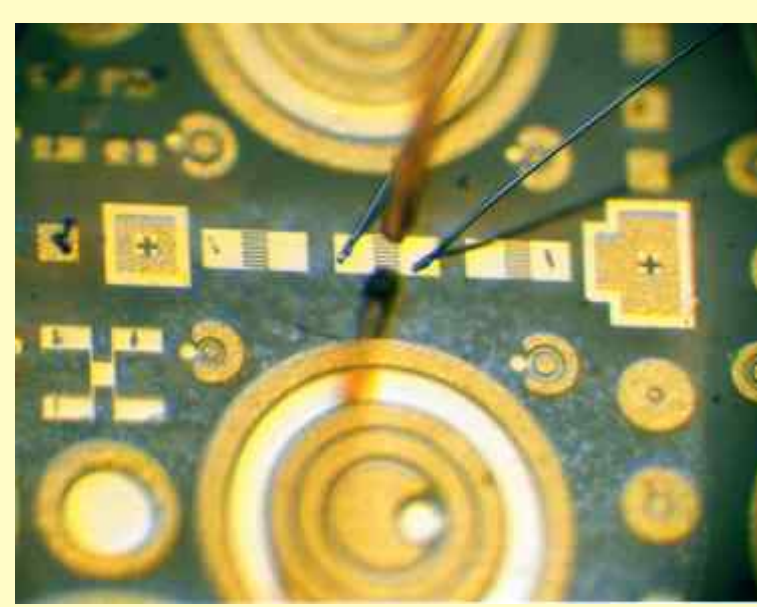
Photolithography



Evaporation of metallic contacts



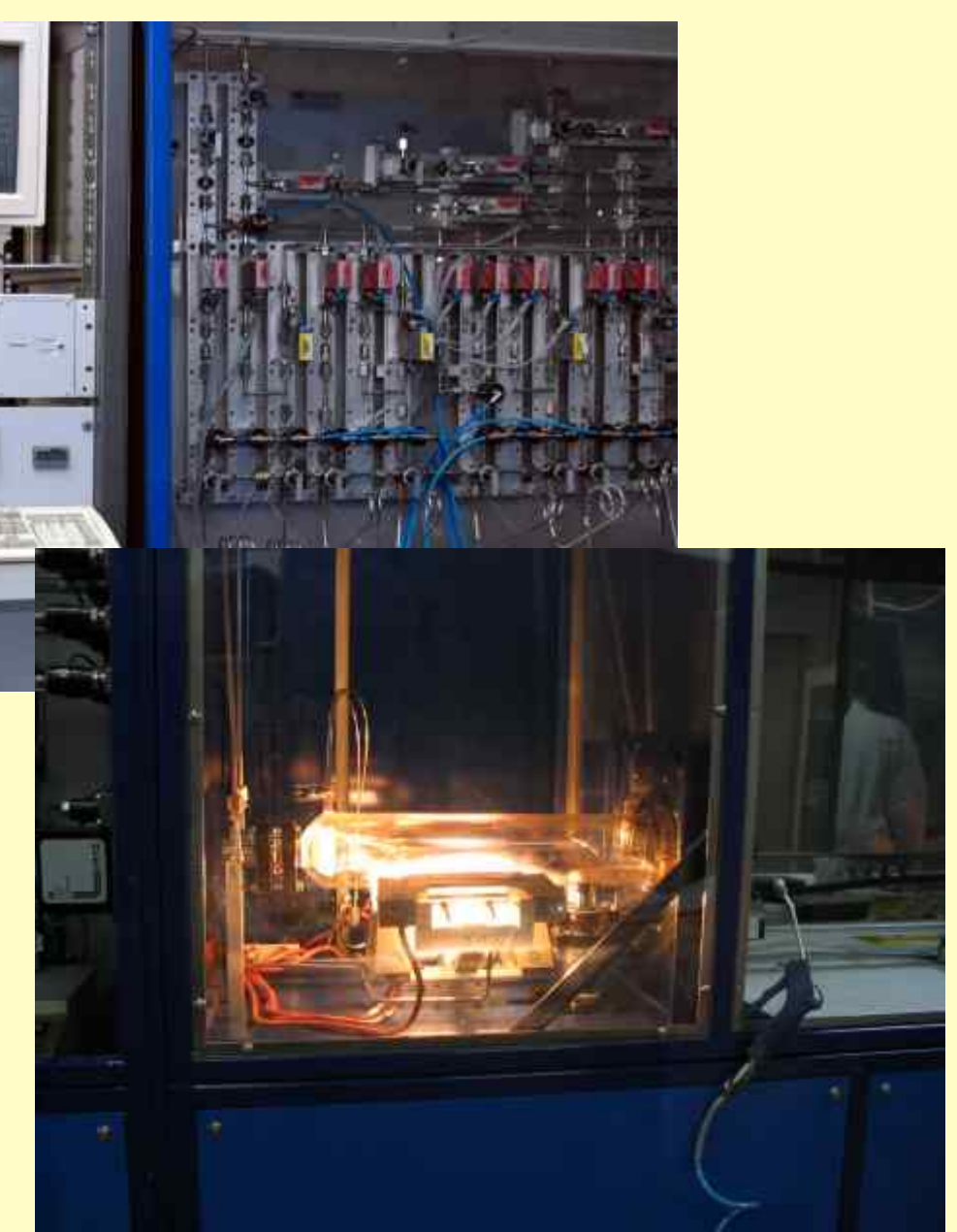
GaN Schotky diode



GaN HFETs test structure



GaAs wafer with fabricated photovoltaic structures



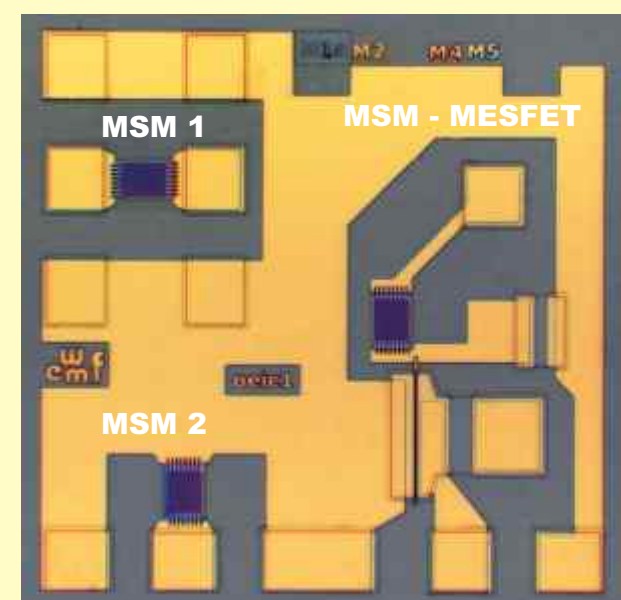
Plasma etching



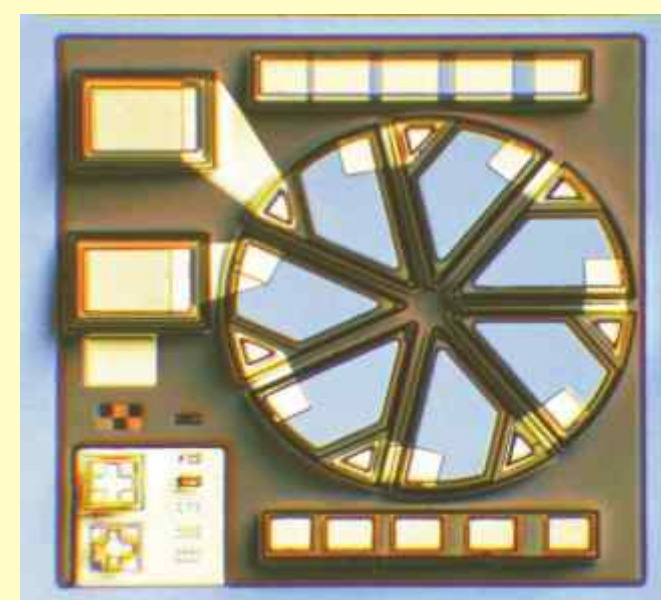
Contacts thermal annealing and silicon oxidation



Microelectronic optical microscope



MSM-MESFET Photoreceiver



Top view of the planar photovoltaic array



Anodic bonding



Measurement set-up for photodetectors characterization



I-V characteristics measurement set-up



LBIC system



Impedance spectroscopy meter with mercury probe