

SESSION IX

Manufacturing II

Chair: Malcolm Stubbs, Communications Research Centre

Successful development, manufacturing and production of GaAs ICs require a multitude of skills, tools and processes. The first two technical papers in this session address techniques to handle the statistical aspects of the technology and discuss a system for the generation of device model libraries in a production environment. The final two papers describe a process for manufacturing low loss, air-cavity, plastic packages and provide an overview of the most significant cost and cycle time issues in a GaAs fabrication facility.