



Method Tags: Experiment/Design, Nanofabrication/Clean Room Processing, Electrical Characterization, Modelling

Scientific Tags: Nanoelectronics, High Power Electronic Devices, Wide Bandgap Semiconductors, Material Science

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In our group we are focusing on realizing novel device concepts for high power electronics based on wide band gap materials as gallium nitride (GaN). Currently we are working on so-called vertical FinFETs, which are fabricated in the NanoLund clean room and electrical characterized in our measurement lab at EIT. A masters project with us would include a combination out of nanofabrication in the clean room, electrical measurements, data analysis and modelling. A specified topic can be found based on agreement.