



## Students Research Speed Dating – Workshop

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**Wednesday, September 21, from 08:30-09:50 in Room Fraunhofer**

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- 08:30      **FEM Modelling of piezo- and thermo-mechanical interaction in GaN power devices – the twofold impact of metallization layers**  
Florian Pribahsnik
- 08:40      **Reliability of AlGaIn/GaN High Electron Mobility Transistors (HEMTs) on Si Substrate**  
Govindo Joannesha Syaranamual
- 08:50      **Device reliability of Geiger-mode Single Photon Avalanche Diode**  
Dong Seok Shin
- 09:00      **Photon Emission of MOSFET with Parasitic Bipolar Operation**  
Anne Beyreuther
- 09:10      **Improvement of Failure Analysis equipments by incorporating signal/image processing tools**  
Anthony Boscaro
- 09:20      **Investigating Stress Measurement Capabilities of GHz Scanning Acoustic Microscopy for 3D Failure Analysis**  
Ahmad Khaled
- 09:30      **Impurities in electroplated Cu and void formation in Cu-Sn micro-connects**  
Glenn Ross
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