

C3N²T

Day 2023

23rd November, Lund



PROGRAM

Venue: Lund University, House "Navet" Meeting room "Boklunden".

Address: Sölvegatan 22F, 223 62 Lund

- 09.30 Welcome, Vanya Darakchieva, Centre Director, LiU and LU
- 09.40 Invited talk: Edward Chang, National Yang Ming Chiao Tung University, Taiwan;
E-mode GaN HEMTs with ferroelectric gate material for EV and PV applications
- 10.10 Project I: D-band HEMTs and MMICs. Anna Malmros, Gotmic AB
- 10:25 Project II: Linear and E/W-band HEMTs and MMICs. Mattias Thorsell, Saab/Chalmers
- 10.40 Break**
- 11:00 Project III: High voltage HEMTs and circuits for power and microwave applications,
Niklas Rorsman, Chalmers
- 11:15 New Competence Center: Integrated Sensors and Adaptive Technology for
Sustainable Products and Manufacturing (SENTIO), Anders Mikkelsen, LU
- 11:30 Poster Pitches
- 12.00 Lunch break**
- 13.15 Relevance for industry I: Riccardo Negri, Volvo Personvagnar AB
- 13.35 Project IV: Vertical devices for power application. Muhammad Nawaz, HER
- 13.50 Project V: Propulsion/Charger/Converter/Switching applications. Torbjörn
Thiringer, Chalmers
- 14:05 New Competence Center: Wireless infrastructure technology (WITECH) Christian
Fager, Chalmers
- 14:20 Invited talk: Srabanti Chowdhury, Stanford University, USA;
Shaping the Future Decade with Widebandgap Semiconductors
- 14.50 Poster session and mingle**
- 16.10 Relevance for industry II: Roger Nilsson, Veeco SiC CVD Systems AB
- 16.30 Project VI: Advanced epitaxial concepts for cost reduction and high performance,
Vanya Darakchieva (LU and LiU)
- 16.45 New Competence Center: Advanced Chip Technology (ACT),
Lars-Erik Wernersson, LU
- 17.00 Closing Remarks, Niklas Rorsman, Chalmers
- 17.10 End of program
- 19:00 Dinner including Award ceremony
Venue: Bryggan Kök & Café, Sölvegatan 26, Lund (in the IKDC)