



The Swedish Terahertz workshop

Terahertz Materials Analysis Center (TheMAC) Inauguration

14th of March 2016, IFM, Linköping University (Planck)

Program

8.30 – 9.00 COFFEE

THz measurements and infrastructures

9.00 - 9.05 Welcome

9.05 - 9.45 Bruno Gompf, Stuttgart University - THz spectroscopy and applications

9.45 - 10.15 Jörgen Stenarsson, Chalmers - The THz lab at Chalmers - overview

10.15 - 10.45 Vanya Darakchieva, LiU - TheMAC - highlights and vision

10.45 - 11.15 COFFEE

Group-III nitrides, Ellipsometry

11.15 - 11.30 Kenneth Järrendahl, LiU – Neutron ellipsometry

11.30 - 11.45 Olle Kordina, SweGan AB

11.45 - 12.00 Nerijus Armakavicius, LiU - THz Optical Hall effect in AlGaIn/GaN HEMTs

12.00 - 12.15 Chih-Wei Hsu, LiU – III-nitrides for THz applications

12.15 - 12.30 Roger Magnusson, LiU – Mueller matrix ellipsometry of InAlN nanorods

12.30 - 13.30 LUNCH

Graphene

13.30 - 14.00 Rositsa Yakimova, LiU – Graphene overview

14.00 - 14.15 Avgust Yurgens, Chalmers – Graphene by CVD

14.15 - 14.30 Jawad ul Hassan, LiU – CVD Graphene for rf applications

14.30 - 14.45 Chamseddine Bouhafs, LiU – In-situ THz Optical Hall effect in graphene

14.45 - 15.00 Amer Ali, Graphensic AB

15.00 - 16.00 COFFEE & LAB TOUR (4 groups , 15 min/group)

Molecular and organic electronics

16.00 - 16.15 Erik Tyrode, KTH – Non-linear vibrational spectroscopy: targeting molecules at buried interfaces

16.15 - 16.30 Olle Inganäs, LiU – Research at Biomolecular and Organic electronics

16.30 - 16.45 Lia Fernandez del Rio, LiU – Mueller matrix ellipsometry of natural chiral structures

16.45 - 17.00 Magnus Jonsson, ITN - Plasmonics and biosensing

Johnas Eklöf, Chalmers – Molecular Materials: from single molecules and sensors to solar energy applications

17.15 - 17.30 Alex Soldatov, Luleå University – Nanocarbons and the need of THz investigations

17.30 - 18.30 MINGLE