

# Swedish Graphene Forum 2024

at Luleå University of Technology

SIO GRAFEN  
**10 YEARS** SWEDISH  
GRAPHENE FORUM



## Programme Wednesday October 9th

10.00 Study visit at Luleå University of Technology

12.00 Lunch, mingle and registration

### Session 1

13.00 Welcome to Swedish Graphene Forum!

13.05 Introduction to session 1

13.10 Integration of 2D materials for high-volume semiconductor manufacturing, Arne Quellmalz, In2Great Materials

13.30 Graphene based additive for resource efficient, strong and freeze resistant concrete, Farid Ahktar, HIPOR Materials

13.50 Graphene application in industrial setting, Sofia Öiseth, Chalmers Industriteknik

14.10 Validation of a demonstrator for hydropower bearings, Nazanin Emami, LTU

14.30 Competence, entrepreneurship and framework for next-gen materials, Johan Ek Weis, SIO Grafen

14.45 Turning innovation into industry, Mamoun Taher, Graphmatech

15.05 10 year celebration! Coffee and cake

### Session 2

15.50 Introduction to session 2

15.55 Graphene in sustainable adhesives for renewable materials, Brita Andres, 2D fab

16.15 Winners of the Innovation Competition 2023

- Kinga Grenda, Adsorbi
- Govin Induchoodan, Glenntex

16.45 Master Thesis of the Year 2024

16.55 Wrap-up and short info

17.00 Free time and hotel check-in

19.00 Dinner at Clarion Sense Luleå



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## Thursday October 10th

### Session 3

08.30 Coffee and mingle

09.00 Welcome back

09.05 Introduction to session 3

09.10 Graphene camouflage with advanced weight and functional properties, Johan Jersblad, Saab Barracuda

09.30 GRALCA, Tomas Rydberg, IVL Svenska Miljöinstitutet

09.45 Graphene application in bioadhesive for sustainable wood composite panels, Reza Hosseinpourpia, Linneaus University

10.00 Coffee and mingle

### Session 4

10.30 Introduction to session 4

10.35 Going green with graphene, Mohamed Loukil, LiU

10.50 Occupational exposure to graphene nanoforms, Tobias Storsjö, Sahlgrenska Academy

11.05 2D Graduate Network, Samuel Lara Avila, Chalmers

11.15 New talent parade, 2D Graduate Network Members

11.35 Prize for best poster 2024

11.40 SIO Grafen ahead – conference closure

12.00 Lunch and mingle



12.45 Bus to study visit at Swerim and Talga

14.45 Bus to airport and train station

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