


# SPECTROSCOPIC ELLIPSOMETRY WORKSHOP

March 26 - 27, 2024

## AGENDA

### Tuesday 26<sup>th</sup> March, 2024

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- 9:30** REGISTRATION AND WELCOME COFFEE
  - 10:00** OPENING REMARKS AND PRESENTATION OF PARTICIPANTS  
| JEREMY DAVIS, SEMITRONICS
  - 10:05** INTRODUCTION TO UCL DEPARTMENT OF CHEMICAL  
ENGINEERING | STEFAN GULDIN, UCL
  - 10:15** INTRODUCTION TO SEMILAB SEMICONDUCTOR PHYSICS  
LABORATORY | CHRISTOPHE DEFRANOUX, SEMILAB
  - 10:25** INTRODUCTION TO SPECTROSCOPIC ELLIPSOMETRY (SE) –  
THEORY AND PRINCIPLES OF ELLIPSOMETRY  
| BÁLINT FODOR, SEMILAB
  - 11:00** COFFEE BREAK
  - 11:10** EXTENDED WAVELENGTH RANGE ELLIPSOMETRY: DUV, NIR,  
MID-IR | LÁSZLÓ MAKAI, SEMILAB
  - 11:35** ELLIPSOMETRIC POROSIMETRY | BÁLINT FODOR, SEMILAB
  - 12:00** LUNCH & NETWORKING & POSTERS SESSION
  - 13:00** EXHIBITION AND DEMONSTRATION OF SPECTROSCOPIC  
ELLIPSOMETRIC MEASUREMENT AND CHARACTERIZATION  
| LÁSZLÓ MAKAI, SEMILAB
  - 13:30** SPECTROSCOPIC ELLIPSOMETRY ANALYZER (SEA) SOFTWARE  
INTRODUCTION AND OVERVIEW | BÁLINT FODOR, SEMILAB
  - 14:30** USER PRESENTATIONS
  - 15:30** LABORATORY VISITS – PARALLEL SESSIONS (SPECTROSCOPIC  
ELLIPSOMETER, ELLIPSOMETRIC POROSIMETER, INFRARED SE)  
| BÁLINT FODOR & LÁSZLÓ MAKAI & MÁTÉ FÜREDI, SEMILAB
  - 17:30** CLOSE

# SPECTROSCOPIC ELLIPSOMETRY WORKSHOP



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## Wednesday 27<sup>th</sup> March, 2024

- 9:30 INTRODUCTION TO PROBE BASED SURFACE CHARACTERIZATION TECHNIQUES**  
| GERGŐ MÉSZÁROS, SEMILAB
- 9:55 OVERVIEW OF SEMILAB ELLIPSOMETERS AND EXTENDED FEATURES** | LÁSZLÓ MAKAI, SEMILAB
- 10:20 COFFEE BREAK**
- 10:30 EMERGING APPLICATIONS** | MÁTÉ FÜREDI, SEMILAB
- 10:45 LABORATORY VISITS – PARALLEL SESSIONS (SPECTROSCOPIC ELLIPSOMETER, ELLIPSOMETRIC POROSIMETER, INFRARED SE)**  
| BÁLINT FODOR & LÁSZLÓ MAKAI & MÁTÉ FÜREDI, SEMILAB
- 12:00 LUNCH & NETWORKING & POSTERS SESSION**
- 13:00 CLOSING REMARKS** | JEREMY DAVIS, SEMITRONICS
- 13:10 - LABORATORY VISITS – VISITORS' SAMPLE MEASUREMENTS**
- 15:30 ON DEMAND**

