

SYNERGI 2018

New analytical tools for engineering materials science
March 08/09, 2018 – NEMO Science Museum – Amsterdam
www.synergi2018.eu

Programme:

Day 1 - Thursday, March 8, 2018

Time

Registration

9:30 – 10:20

Welcome and keynotes

Daigo Setoyama, Toyota Central R&D labs Inc., JP:

Quantum beams accelerate R&D of automotive industry

Hjalmar Staf, SANDVIK AB, SE:

Improving cutting tools with insights from neutron tomography

10:20 – 12:00

Axel Müller, OHB System AG, DE:

Through thickness non-destructive residual stress-mapping on friction stir welds for the space industry

Buffet lunch

12:00 – 13:00

Plenary session:

Overview:

The European Landscape of Photon and Neutron Sources

Martin Müller, Helmholtz-Zentrum Geesthacht/GEMS

The projects behind SYNERGI2018:

CALIPSOplus - Ed Mitchell (ESRF), Alejandro Sanchez (ALBA)

SINE2020 - Caroline Boudou (Institut Laue-Langevin)

BalticTRAM - Uwe Sassenberg (DESY)

NFFA – Ennio Capria (ESRF)

ACCELERATE - Angela Zennaro (CERIC)

13:00 – 14:30

A national initiative from Denmark:

Linking Industry to Neutrons and X-Rays (LINX)

Jimmy Binderup Andersen (LINX Association)

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Day 1: Parallel sessions:

1. **Research2Business Matchmaking** (supported by Enterprise Europe Network) and Exhibition (Foyer/Theatre)
2. **ACCELERATE** – Introduction of CERIC facilities (Board Room, 15:00 -17:00)

Maurizio Polentarutti, Elettra – Sincrotrone Trieste
S.C.p.A., Italy

14:30 – 17:00

Tamás Belgya, Centre for Energy Research, Hungarian
Academy of Sciences, Budapest, Hungary

Mateusz Wojtaszek, SOLARIS – National Centre for
Synchrotron Radiation, Krakow, Poland

Heinz Amenitsch, Graz University of Technology, Austria

Evening Reception with drinks and networking

17:00 - 18:30

Dinner/Boat Trip

19:00 - 22:00

Day 2 - Friday, March 9, 2018

Time

Morning coffee

09:00 - 09:15

Breakout groups:

Session 1, 09:15 – 10:30

The participants are invited to join various breakout groups, chaired by representatives of the facilities and EU projects behind SYNERGI2018.

- Additive Manufacturing
- Automotive

The groups will discuss opportunities and requirements by various industry sectors regarding the use of advanced research infrastructures (ARIs) in their R&D.

Session 2, 10:30 – 11:45

- Aerospace
- Metal Industry

Wrap-up:

Summary of matchmaking event (anonymised):

12:00 - 13:30

- Results from Breakout Groups
- General discussion

End of SYNERGI2018

13:30