

Venue: The Conference Center **Stakladen**, building 1423/111
([Fredrik Nielsens Vej 2-4, 8000 Aarhus C](#))

Cruise & Connect

Tuesday, 23 June

Experience Aarhus from a new perspective

Join us for a cruise tour around Aarhus Harbour and enjoy the stunning views of the city from the waterside. From 22–24 June, Aarhus will host beautiful and historic tall ships from around the world as part of the Tall Ships Races Aarhus. This boat tour offers a unique opportunity to experience Aarhus from the water and see these impressive vessels up close.

Date and time Tuesday, 23 June 2026, **18:00 -19:15** (Please arrive 10 minutes before departure)

Departure point [Herman Sallings Plads 2, 8000 Aarhus C](#) (by the fountain)

Organiser [Aros Cruises](#)

Parking Available near Navitas, DOKK1, and Europaplads 16

Day 1

Wednesday, 24 June

08:30 Registration

09:00 Welcome **V. Dwivedi and M.H. Greve (DK)**

Session- 1

NELIBS

(Chair: M.H. Greve)

09:20 Keynote **A. De Giacomo (IT)**

Laser Induced Breakdown Spectroscopy: from on-flight applications to ultra trace analysis in lab with NELIBS

10:00 Coffee Break

Session- 2

Industry

(Chair: D. Prochazka)

10:25 Invited **R. Noll (DE)**

LIBS analyses for industrial applications – an overview of developments from 2019-2026

10:55 Oral **B. Klie (DE)**

Smart rubber extrusion: Using an "Inline" LIBS system as quality-relevant data input for an AI-based process control

11:15 Oral **A. Akram (NO)**

Industrial LIBS Based Sorting of Post-Consumer Wrought Aluminium Alloys for Automotive Applications

11:35 Oral **L. K. Tinoco Navarro (CZ)**

Lightigo LIBS solutions, Challenges and Emerging Applications in Environmental and Industrial Systems

11:55 Sponsor **D. Adén (DK)**

Elemental abundance analysis for agricultural samples using Laser Induced Breakdown Spectroscopy – Adopting LIBS for commercial laboratories (FOSS Analytical A/S)

12:10 Lunch Break

Session- 3

Sponsors

(Chair: T. Aaltonen)

13:00 Sponsor **S. Rapp (DE)**

InnoLas Laser GmbH

13:15 Sponsor **P. Bennett (FR)**

Lumibird

13:30	Sponsor	J. Fellingner (AT) <i>MONTFORT Laser GmbH & Co KG</i>
13:45	Sponsor	P. Ziedelis (LT) <i>Quantum light instruments</i>
14:00	Sponsor	L. Favé (DE) <i>Edmund Optics GmbH</i>
14:15	Sponsor	H. Taylor (NL) <i>Photonics Industries Europe, BV</i>
14:30	Sponsor	R.B. Sterobo (DK) <i>Ibsen Photonics</i>

14:45 Coffee Break & Group Photo

Session- 4 Nuclear Fusion & CF-LIBS (Chair: V. Dwivedi)

15:15	Invited	P. Veis (SK) <i>LIBS for the Analysis of Fusion-Relevant Plasma-Facing Components</i>
15:45	Invited	P. Gašior (PL) <i>Automated ML-based tool for spectra reconstruction, processing and visualization for LIBS data obtained in LIBS @JET experiment</i>
16:15	Oral	A. Hakola (FI) <i>Demonstration of LIBS as a tritium monitoring tool in fusion reactors</i>
16:35	Oral	C. Gerhard (DE) <i>Quantification of impurities in different oxides via calibration-free LIBS</i>
16:55	Oral	S. Soni (DE) <i>Influence of Structured Laser Beam Profiles on Ablation Dynamics and Analytical Performance in LIA-QMS</i>

17:15 Poster Session

18:15	Free time
18:30	Bus from symposium venue to dinner place
19:00	Symposium Dinner Place: Salling Rooftop Aarhus Address: Søndergade 27, 8000 Aarhus (Google Map)

The dinner will take place at [Salling Rooftop Aarhus](#). This vibrant rooftop space offers a spectacular urban setting with a stunning 360-degree panoramic view of the entire city. You can enjoy not only the impressive views but also a delightful dinner in a unique and relaxed environment - making it the perfect place to create unforgettable memories during Nordic LIBS 2026.

Day 2 Thursday, 25 June

Session- 5 Environment (Chair: P. Jorge)

09:00	Keynote	J. Kaiser (CZ) <i>LIBS Bioimaging: A Comprehensive Overview from Environmental Monitoring to Plant Growth Beyond Earth</i>
09:40	Oral	M. Knadel (DK) <i>Laser-Induced Breakdown Spectroscopy for Soil Characterisation: Status of Aarhus University Research</i>

10:00 Coffee Break

Session- 6 Applied LIBS (Chair: P. Veis)

- 10:25 Invited **V. Motto-Ros (FR)**
How Far Can LIBS Imaging Go? A Journey Across Scales
- 10:55 Oral **J. Toivonen (FI)**
Analysis of single particles for aerosol research and water monitoring
- 11:15 Oral **K. Kinch (DK)**
Challenges when operating a commercial LIBS instrument in the far UV
- 11:35 Sponsor **M. Szoltysik (SE)**
Elemental Scientific
- 11:50 Sponsor **S. Merk (DE)**
CRM Inhomogeneity – Impact on LIBS Calibration (LTB Lasertechnik Berlin)

12:05 Lunch Break

Session- 7 Imaging & ANN (Chair: J. Toivonen)

- 13:00 Invited **P. Pořizka (CZ)**
Multimodal imaging for the analysis of stroke and cancer
- 13:30 Oral **C. Derrick Quarles Jr (USA)**
High-Speed KHz LIBS Imaging
- 13:50 Oral **T. Aaltonen (FI)**
Neural Networks in LIBS: Perspectives, Challenges, and Opportunities
- 14:10 Oral **D. Prochazka (CZ)**
Physics-Informed Neural Network for Qualitative Element Detection from Spark Discharge Optical Emission Spectra
- 14:30 Sponsor **J. Kodz (ES)**
MONOCROM S.L.

14:45 Coffee Break

Session- 8 Imaging & Plants (Chair: P. Pořizka)

- 15:10 Invited **P. Jorge (PT)**
Multimodal Spectral Imaging as an Enabler of Digital Twins of Complex Systems
- 15:40 Oral (short) **F. Mikkelsted (DK)**
Recalibration of PLS models to enable quantification of low concentration plant nutrients by laser induced breakdown spectroscopy
- 15:50 Oral (short) **D. Sonoiki (DK)**
How should detection limits be defined in LIBS?
- 16:00 Sponsor **J. McDowell (GB)**
Litron Lasers Ltd

16:15 Closing