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Candela Open Lectures

# Exploring the Terahertz Fundamental Principles & Frontiers

Online lecture series delivered  
by international experts

## Chairs of the lecture series

**Agnieszka Siemion** (Warsaw University of Technology)

**Łukasz A. Sterczewski** (Wrocław University of Science and Technology)

16 October 2024, Wednesday, 9:15-11:00

**Kevin Kolpatzeck**

Compact and mobile terahertz  
time-domain spectroscopy  
systems enabled by  
semiconductor laser diodes

23 October 2024, Wednesday, 9:15-11:00

**Łukasz A. Sterczewski**

Ultra-broadband terahertz  
spectroscopy with organic  
nonlinear crystals

30 October 2024, Wednesday, 9:15-11:00

**David Burghoff**

Terahertz quantum cascade lasers  
and frequency combs

6 November 2024, Wednesday, 9:15-11:00

**Tom Seifert**

Ultra-broadband spintronic  
terahertz emitters and detectors

## More information

[candela.org.pl/thz-lectures](https://candela.org.pl/thz-lectures)  
[hello@candela.org.pl](mailto:hello@candela.org.pl)

13 November 2024, Wednesday, 9:15-11:00

**Alvydas Lisauskas**

Terahertz detectors

20 November 2024, Wednesday, 9:15-11:00

**Wojciech Knap**

Plasmons for terahertz radiation  
detectors filters and amplifiers

27 November 2024, Wednesday, 9:15-11:00

**Agnieszka Siemion**

Terahertz optics and optical  
elements

4 December 2024, Wednesday, 9:15-11:00

**Gintaras Valušis**

Terahertz imaging – towards  
compact and effective systems

