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OPTICA



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Use-Inspired Photonic Sensing and Metrology

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Sarah Bohndiek
University of Cambridge
Cancer imaging technologies



Greg Rieker
University of Colorado Boulder
Greenhouse gas sensing

Jian Jin
Purdue University
Agricultural sensing



Stephanie Loeb
McGill University
Water contaminant detection



Damien Weidmann
RAL Space
Earth observation



Justus C. Ndukaife
Vanderbilt University
Optical nanotweezers for healthcare

Further lecturers to be confirmed + accelerate your career with development sessions from:

- Alison McLeod (Technology Scotland)
- Yann Amouroux (Optica)
- Farnaz Mohsenpour (Heriot-Watt University) and more.

7–15 June 2025,
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Open to international
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early-career researchers



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