



Annual LaserLaB Symposium 2026

Friday 3 July 2026

PROGRAM

Address: **Vrije Universiteit Amsterdam, de Boelelaan 1105, 1081 HV Amsterdam**

Location Main Building HG-06A00

09:30 - 09:40 General opening by **Kjeld Eikema**

09:40 - 10:00 **Nhut Do** – “*pH-dependent structural alterations in LHCII revealed by 2DIR*” – Energy and Sustainability

10:00 - 10:20 **Robin van Zutphen** – “*Tissue optical biopsies with a single fiber: how quantitative can they be?*” – Light and Tissue

10:20 - 10:40 **Sougandh Kanno Mavila** – “*The Clock that doesn't Exist: Creating Virtual Time from a Network of Atomic clocks*” - Physics of Light

10:40 - 11:15 Coffee break - **HG-06A00**

11:15 - 11:35 **Maeva Louis** – “*Photochemical behaviour of oxygenated PAHs: a study of oxanthrene*” – Analytical Chemistry and Spectroscopy

11:35 - 11:55 **Thomas Bugea** – “*High-throughput correlative magnetic tweezers-TIRF to investigate biomolecular reactions at the single-molecule level*” – Molecular Biophysics

11:55 - 12:15 **Benedikt Heizenreder** – “*Realization of continuous superradiant lasing on a narrow optical transition*” - Van der Waals-Zeeman Institute

12:15 - 12:35 **Pieter van Essen** – “*All-optical modulation of high-harmonic generation from solids through photon pathways*” – ARC NL

Location Main Building HG-1, C37a – Reception area Campuszijde (behind Aula)

12:35 - 13:35 Lunch

Location Main Building HG-06A00

13:35 – 13:45 Introduction about Freek Arie and talks in his honour - Johannes de Boer

13:45 - 13:55 Talk by **Anna Tudos** – “*About Freek*”

13:55 - 14:30 **Prof. Siva Umaphathy**, Indian Institute of Science, Bangalore (online)

14:30 - 15:05 **Prof. dr. Torsten Frosch**, “*Science and beyond: Two Decades with Freek, from UV-Raman to Hungarian Wines*” - TU Darmstadt

15:05 - 15:30 Coffee break - **HG-06A00**

15:30 - 15:55 **Liron Zada** and **Merel Konings** – former students of Freek Arie

15:55 - 16:30 **Prof. Dr. Zsuzsanna Heiner** - “*Advanced VSFG Spectroscopy for Molecular-Level Insights into Biomacromolecular Interfaces*” - Humboldt-Universität Berlin

16:30 - 16:40 Presentation best paper award

16:40 - 16:45 Final words, handing out of LaserLaB gift

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16:45 - Drinks