

Program schedule Wednesday 14 June 2017

Opening

10:00-10:10 **Bart Verbeek**
PhotonicsNL
Photonics in the Netherlands "From Light-year to Ångström"

Plenary speaker

10:10-10:40 **Frans Snik**
Universiteit Leiden
Exoplanets in the view of the European Extremely Large Telescope

Break

10:40-11:10

Bio/Nanophotonics

11:10-12:00 **Peter Zijlstra**
TU Eindhoven
Label-free single-molecule biosensing: towards continuous monitoring of biomarkers

Niek Rijnveld
VU Amsterdam
New fiber interferometry sensing systems for applications in life science and remote sensing

Ewold Verhagen
Amolf
Optical isolation based on radiation pressure

Lunch & Women in Photonics Lunch

12:00-13:10 **Cornelia Denz**
Westfälische Wilhelms-Universität Münster
Tailoring light and careers in all its facets

Healthcare

13:10 - 14:00 **Clemens Löwik**
Erasmus Universiteit
In vivo optical imaging: new tools, applications and translation to the clinic

Gijs van Soest
Erasmus Universiteit
Interventional imaging with light in cardiology

Benjamin Balluff
Universiteit Maastricht
Mass Spectrometry Imaging in Clinical Research

Microscopy

14:00 - 14:50 **Jeroen Kalkman**
TU Delft
High resolution 3D zebrafish imaging with optical projection tomography

Gerard Blab
Universiteit Utrecht

Erik Manders
Universiteit van Amsterdam
Re-scan Confocal Microscopy

Break & poster presentations

14:50 - 15:20

Integrated Quantum Photonics

15:20 - 16:10 **Sanli Faez**
Universiteit Utrecht
Nanocapillary Electrophoretic Tracking of Single Particle Charge

Rob van der Heijden
TU Eindhoven
An integrated Nano-Opto-Electro-Mechanical-System for on-chip spectrometry and nanometrology

Wolfgang Loeffler
Universiteit Leiden
Building blocks for a future quantum internet

Break & poster presentations

15:10-16:40

Photonics Materials

16:40-17:30 **Alexey Kimel**
Radboud Universiteit
Femtosecond opto-magnetism

Maria Antonietta Loi
Universiteit Groningen
Hybrid perovskites: from solar cells to x-ray detectors

Giampero Gerini
TU Eindhoven
Nanoarchitectronics: a new paradigm for a European flagship program

Final: Best poster reward, snacks & drinks

17:30-18:30