

## Program

# The Next Generation of Thermal-IR Astronomy: How can we Reach the Photon Noise Limit?

### Monday 12 November 2018

- 09:00 – 10:00 Arrival, registration  
10:00 – 10:15 Welcome by Lorentz Center  
10:15 – 10:30 Opening by organizers: Welcome and explanation of objectives and way of working Workshop week.  
10:30 – 12:00 Chair: **Kora Muzic**  
**Mitsuhiko Honda:** *Subaru / Comics*  
**Frank Varosi:** *Gemini / T-ReCS*  
**Daniel Asmus:** *VLT / VISIR*
- 12:00 – 13:30 Lunch @Snellius restaurant
- 13:30 – 14:30 2 min introductions by participant (1 slide per person)  
14:30 – 15:30 Chair: **Nancy Levenson**  
**Sue Lederer:** *UKIRT / Michelle*  
**Enrique Lopez Rodriguez:** *SOFIA/FORCAST*
- 15:30 – 16:00 Coffee break  
16:00 – 16:40 Chair: **Mitsuhiko Honda**  
**Bernhard Brandl / Chris Packham:** *The ELT's and the TMT's thermal IR instrumentation programme: METIS and Michi*
- 16:40 – 17:00 Chair: **Chris Packham**  
Presentation of Hands-on Projects and organisational notes (to initiate discussion and starting to build groups)
- 17:00 Wine & cheese party @common room

### Tuesday 13 November 2018

- 09:00 – 10:30 Chair: **Takafumi Kamizuka**  
**Almudena Alonso Herrero:** *GranTeCan/CanariCam*  
**Takashi Miyata:** *TAO/MIMIZUKU*  
**Ulli Käufel / Christian Marois:** *VLT/NEAR, Gemini-South/TIKI*
- 10:30 – 11:00 Coffee break  
11:00 – 12:00 Chair: **Roy van Boekel**  
**Claudia Paladini / Florentin Millour:** *VLT/MATISSE*  
**Chris Packham:** *Thermal-IR MCT detector developments ("GeoSnap")*
- 12:00 – 13:00 Lunch @Snellius restaurant  
13:00 – 14:00 Check your mail
- 14:00 – 15:30 Group phase 1

15:30 – 16:00 Coffee break  
16:00 – 17:00 Chair: **Sue Lederer**  
**Ryou Ohsawa / Enrique Lopez Rodriguez:** *Slow scanning / Drift scanning*  
**Eric Pantin + Christian Marois:** *Chop-only performances*

## Wednesday 14 November 2018

09:00 – 10:30 Group phase 2  
10:30 – 12:00 Chair: **Macarena Garcia Marin:** *Plenary presentation by groups*

12:00 – 13:00 Lunch @Snellius restaurant  
13:00 – 14:00 Check your mail

14:00 – 16:00 Group phase 3  
16:00 – 17:00 Chair: **Klaus Pontoppidan:** *Plenary discussion*  
18:30 Workshop dinner  
Belgisch Biercafé Olivier, Hooigracht 23, 2312 LM Leiden

## Thursday 15 November 2018

09:00 – 09:45 Chair: **Anne-Lise Maire**  
**Ignas Snellen:** *Extrasolar planets and the Search for Life*

09:45 – 12:00 Coffee break / Group phase 4

12:00 – 13:30 Lunch @Snellius restaurant

13:30 – 15:00 Chair: **Miwa Goto:** *Plenary discussion*

15:00 – 15:30 Coffee break

15:30 – 17:00 Group phase 5

## Friday 16 November 2018

09:30 – 10:30 Chair: **Sergio Fernandez-Acosta:** *Group final reports and statement of work to do*

10:30 – 11:00 Coffee break

11:00 – 12:00 Chairs: **SOC**

Set milestones for 3-year roadmap and long-term vision, define actions and commitments to complete them

12:00 – 13.00 Lunch @Snellius

13:00 - 15:00 Chairs: **SOC**

Discuss available peoplepower, possible additional collaborations and joint proposals; begin working on workshop summary paper

15:00 End of workshop