

Main topics

- Past, present and future of thermal IR instruments
- Exoplanets in the thermal IR
- Solar System planets, comets and asteroids
- Star formation: protostellar discs, YSO, low mass stars
- Planet formation, protoplanetary discs
- Dust factories: AGB, PN, RSG, LBV, WR, SN; dusty shells
- Extragalactic star formation, dusty galaxies (LIRG/ULIRG), active galaxies (AGN, QSO)
- Technological development, new detectors and instruments for ELTs and other ground/space/air-borne facilities

- Calibration issues, flux and spectroscopic standard stars, telluric modelling
- Advanced background subtraction techniques, thermal stray light modelling
- The future of thermal IR astronomy



Online meeting with free registration

<http://www.eso.org/sci/meetings/2020/IR2020.html>

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Ground-based Thermal Infrared Astronomy – Past, Present and Future
Online Conference
12–16 October 2020, ESO Garching

Invited Speakers

Olivier Absil
Almudena Alonso-Herero
Dani Atkinson
Jean-Philippe Berger
Bernhard Brandl
Leonard Burtscher
Willem-Jan de Wit
Steve Ertel
Sergio José Fernández Acosta
Leigh Fletcher
Markus Kasper
Hans-Ulrich Käufl
Nancy Levenson
Anne-Lise Maire
Alexis Matter
Gwendolyn Meeus
Andrea Mehner
Takashi Miyata
Koraljka Muzic
Chris Packham
Romain Petrov
Colette Salyk
Rainer Schödel
Alain Smette
Angela Speck

Scientific Organising Committee

Almudena Alonso-Herrero, CSIC/INTA, Spain
Daniel Asmus (University of Southampton, UK)
Leonard Burtscher (Leiden University, The Netherlands; co-chair)
Sergio José Fernández Acosta (GTC, Spain)
Leigh Fletcher (University of Leicester, UK)
Macarena Garcia Marin (STScI, USA)
Mitsuhiko Honda (Okayama University of Science, Japan)

Valentin D. Ivanov (ESO, Germany; co-chair)
Hans-Ulrich Käufl (ESO, Germany)
Sarah Kendrew (STScI, USA)
Eric Lagadec (Observatoire de la Côte d'Azur, France)
Nancy Levenson (STScI, USA)
Gwendolyn Meeus (Universidad Autónoma de Madrid, Spain)
Amaya Moro-Martin (STScI, USA)
Chris Packham (The University of Texas at San Antonio, USA)
Ralf Siebenmorgen (ESO, Germany)

Local Organising Committee

Dominique Petit dit de la Roche (ESO, Germany)
Mario van den Ancker (ESO, Germany; chair)
Nelma Silva (ESO, Germany)
Véronique Ziegler (ESO, Germany)