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# From Galaxy Formation Simulations to Observations Using Forward Modelling

**9 - 13 November 2026**, Leiden, the Netherlands **@lambda**

## Topics

- Modelling emission from stellar populations and dust
- Radiative transfer methods
- Mock surveys
- Connecting state-of-the-art simulations to modern data
- Instrumental effects
- Universe virtual twin

## Scientific Organizers

- Matthieu Schaller, Leiden University
- Sylvia Ploeckinger, University of Vienna
- Rob Crain, Liverpool John Moores University
- Azadeh Fattahi, Stockholm University
- Yves Revaz, Swiss Federal Technology Institute of Lausanne
- Filip Husko, Leiden Observatory

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