

**ModIC 2024 -  
Model-Independent  
Cosmology with gravitational  
waves, large-scale structure,  
and high-energy surveys.**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Status of LCDM and cosmological tensions

*Monday, 13 May 2024 10:40 (40 minutes)*

**Presenter:** POULIN, Vivian

**Session Classification:** Model-independent Cosmology

**Track Classification:** Model-independent Cosmology: Cosmological tensions and the nature of Dark Energy

Contribution ID: 2

Type: **not specified**

## Status of Dark Energy

*Monday, 13 May 2024 11:40 (40 minutes)*

**Presenter:** LINDER, Eric V.

**Session Classification:** Model-independent Cosmology

**Track Classification:** Model-independent Cosmology: Cosmological tensions and the nature of Dark Energy

Contribution ID: 3

Type: **not specified**

## Brainstorming Session

*Monday, 13 May 2024 12:20 (40 minutes)*

**Session Classification:** Model-independent Cosmology

Contribution ID: 4

Type: **not specified**

## Hands-on session

*Monday, 13 May 2024 15:40 (40 minutes)*

**Presenter:** CALDERÓN, Rodrigo

**Session Classification:** Model-independent Cosmology

**Track Classification:** Model-independent Cosmology: Model-independent methods for cosmological inference

Contribution ID: 7

Type: **not specified**

## **21 cm HI IM as a cosmological tool**

*Tuesday, 14 May 2024 10:00 (40 minutes)*

**Presenter:** SPINELLI, Marta

**Session Classification:** Dark Sirens

**Track Classification:** Dark Sirens: HI 21 cm Intensity Mapping

Contribution ID: 8

Type: **not specified**

## **BBHs**

*Tuesday, 14 May 2024 10:40 (40 minutes)*

**Presenter:** RENZINI, Arianna

**Session Classification:** Dark Sirens

**Track Classification:** Dark Sirens: GWs from BBHs

Contribution ID: 9

Type: **not specified**

## Brainstorming Session

*Tuesday, 14 May 2024 11:40 (1h 20m)*

**Session Classification:** Dark Sirens



Contribution ID: **10**

Type: **not specified**

## **Hands-on session**

*Tuesday, 14 May 2024 16:40 (1h 20m)*

**Presenter:** DUPLETSA, Ulyana

**Session Classification:** Dark Sirens

**Track Classification:** Dark Sirens: GWs from BBHs

Contribution ID: 13

Type: **not specified**

## Cosmology with BNS

*Wednesday, 15 May 2024 11:40 (40 minutes)*

**Presenter:** CHEN, Hsin-Yu

**Session Classification:** Bright Sirens

**Track Classification:** Bright Sirens: GWs from BNS

Contribution ID: 14

Type: **not specified**

## **Current status of GW-EM synergies**

*Wednesday, 15 May 2024 10:00 (40 minutes)*

**Presenter:** PATRICELLI, Barbara

**Session Classification:** Bright Sirens

**Track Classification:** Bright Sirens: GRBs and other EM counterparts

Contribution ID: 15

Type: **not specified**

## Brainstorming Session

*Wednesday, 15 May 2024 12:20 (40 minutes)*

**Session Classification:** Bright Sirens

Contribution ID: 16

Type: **not specified**

## Hands-on session

*Wednesday, 15 May 2024 15:00 (1h 20m)*

**Presenter:** COZZUMBO, Andrea

**Session Classification:** Bright Sirens

**Track Classification:** Bright Sirens: GWs from BNS

Contribution ID: 19

Type: **not specified**

# Model-independent methods for cosmological inference

*Monday, 13 May 2024 15:00 (40 minutes)*

**Presenter:** SHAFIELOO, Arman

**Session Classification:** Model-independent Cosmology

**Track Classification:** Model-independent Cosmology: Model-independent methods for cosmological inference

Contribution ID: **20**

Type: **not specified**

## Hands-on session

*Monday, 13 May 2024 16:40 (1h 20m)*

**Presenter:** CALDERÓN, Rodrigo

**Session Classification:** Model-independent Cosmology

**Track Classification:** Model-independent Cosmology: Model-independent methods for cosmological inference

Contribution ID: 21

Type: **not specified**

## Hands-on session

*Tuesday, 14 May 2024 15:00 (1h 20m)*

**Presenter:** OBULJEN, Andrej

**Session Classification:** Dark Sirens

**Track Classification:** Dark Sirens: HI 21 cm Intensity Mapping



Contribution ID: 22

Type: **not specified**

## Multimessenger astronomy in ET era

*Wednesday, 15 May 2024 10:40 (40 minutes)*

**Presenter:** BANERJEE, Biswajit

**Session Classification:** Bright Sirens

**Track Classification:** Bright Sirens: GRBs and other EM counterparts

Contribution ID: 23

Type: **not specified**

## Hands-on session

*Wednesday, 15 May 2024 16:40 (1h 20m)*

**Presenter:** TSVETKOVA, Anastasia

**Session Classification:** Bright Sirens

**Track Classification:** Bright Sirens: GRBs and other EM counterparts

Contribution ID: 27

Type: **not specified**

## IFPU Colloquium

*Friday, 17 May 2024 11:30 (1 hour)*

**Presenter:** LINDER, Eric V.