

**Topical Lectures  
"Gravitational Waves"**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Gravitational wave physics: introduction

*Monday, 19 June 2017 09:30 (1 hour)*

**Presenter:** BROECK, Chris Van Den

Contribution ID: 1

Type: **not specified**

## **General relativity and gravitational waves**

*Monday, 19 June 2017 14:00 (1h 30m)*

**Presenter:** HOLTEN, Jan Willem v.

Contribution ID: 2

Type: **not specified**

## Exercises

*Monday, 19 June 2017 16:00 (2 hours)*

Contribution ID: 3

Type: **not specified**

## **Introduction to gravitational wave detection with interferometers**

*Tuesday, 20 June 2017 09:30 (1 hour)*

**Presenter:** BERTOLINI, Alessandro

Contribution ID: 4

Type: **not specified**

## **Thermal noise in gravitational wave detectors**

*Tuesday, 20 June 2017 11:00 (1h 30m)*

**Presenter:** HAMMOND, Giles

Contribution ID: 5

Type: **not specified**

## The phase camera

*Tuesday, 20 June 2017 14:00 (1 hour)*

**Presenter:** SCHAAF, Laura

Contribution ID: 6

Type: **not specified**

## Einstein Telescope

*Tuesday, 20 June 2017 15:00 (1 hour)*

**Presenter:** LUECK, Harald



Contribution ID: 7

Type: **not specified**

## **Space-based detectors**

*Tuesday, 20 June 2017 16:30 (1 hour)*

**Presenter:** JENNRICH, Oliver

Contribution ID: 8

Type: **not specified**

## Discussion of exercises

*Tuesday, 20 June 2017 17:30 (20 minutes)*

Contribution ID: 9

Type: **not specified**

## **Data analysis: introduction and transient sources**

*Wednesday, 21 June 2017 09:30 (1h 30m)*

**Presenter:** BROECK, Chris Van Den

Contribution ID: **10**

Type: **not specified**

## **Data analysis: continuous waves**

*Wednesday, 21 June 2017 11:30 (1 hour)*

**Presenter:** BULTEN, Henk Jan

Contribution ID: **11**

Type: **not specified**

## **Pulsar timing**

*Wednesday, 21 June 2017 14:00 (1 hour)*

**Presenter:** JANSSEN, Gemma

Contribution ID: 12

Type: **not specified**

## **Exercises on data analysis**

*Wednesday, 21 June 2017 15:00 (1h 30m)*

**Presenter:** TSANG, Ka Wa