

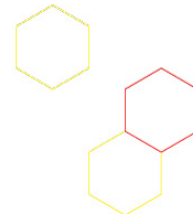
Session Program

7-18 Jul 2025



Gravitational Waves

from theory
to detection
7-18 july 2025
vienna, austria



GRAVITATIONAL WAVES: from theory to detection (Vienna July 07-18 2025)

Excercises

Erwin Schrödinger International Institute for Mathematics and Physics
Boltzmannngasse 9 1090 Wien Austria

Tuesday 8 July

13:30

Exercises: Introduction to Gravitational Waves

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |

Convener: Clifford M. Will

14:50

15:20

Exercises: Gravitational Wave Detectors

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |

Convener: Jessica Steinlechner

16:40

Wednesday 9 July

13:30

Exercises: Multimessenger Astronomy

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |

Convener: Chiara Mingarelli

14:50

15:20

Exercises: Gravitational Wave Detectors

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |

Convener: Jessica Steinlechner

16:40

Thursday 10 July

13:30

Exercices: Data Analysis and Signal Processing

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien
Austria |

Convener: Elena Cuoco

14:50

15:20

Exercices

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien
Austria |

Convener: Ulyana Dupletsa

16:40

Friday 11 July

13:30

Exercises: Data Analysis and Signal Processing

Session |**Location:** Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |**Convener:** Elena Cuoco

14:50

15:20

Exercises: Tests of General Relativity

Session |**Location:** Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |**Convener:** Lijing Shao

16:40

Monday 14 July

13:30

Exercices: Gravitational Wave Cosmology

Session |**Location:** Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |**Convener:** Noemi Frusciante

14:50

15:20

Exercices: Stochastic Gravitational Wave Background

Session |**Location:** Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |**Convener:** Tania Regimbau

16:40

Tuesday 15 July

13:30

Exercices: Gravitational Wave Cosmology

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |

Convener: Noemi Frusciante

14:50

15:20

Exercices: Stochastic Gravitational Wave Background

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmanngasse 9 1090 Wien Austria |

Convener: Tania Regimbau

16:40

Wednesday 16 July

13:30

Exercises: Sources of Gravitational Waves

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmannngasse 9 1090 Wien Austria |

Convener: Michela Mapelli

14:50

15:20

Exercises: Quantum Sensing in Gravitational Wave Detection

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmannngasse 9 1090 Wien Austria

16:40

Thursday 17 July

13:30

Exercises: Sources of Gravitational Waves

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmannngasse 9 1090 Wien Austria |

Convener: Michela Mapelli

14:50

15:20

Exercises: Quantum Sensing in Gravitational Wave Detection

Session |

Location: Erwin Schrödinger International Institute for Mathematics and Physics, Boltzmannngasse 9 1090 Wien Austria

16:40