

	Sunday 1 st Sept. 2024		Tuesday 3 rd Sept. 2024		Wednesday 4 th Sept. 2024
8:00 pm	Welcome reception at August-Bebel-Str 4, 07743 Jena		9:00 am Black Holes in General Relativity Reinhard Meinel (Friedrich Schiller University Jena)		Excursion day
	Monday 2nd Sept. 2024		10:30 am Coffee break		
9:00 am	Registration opens		11:00 am The Hawking Effect and Related Quantum Effects at the Event Horizon Sebastian Ulbricht (Physikalisch-Technische Bundesanstalt PTB, TU Braunschweig)		9:30 am Meeting point: at the conference venue (Faculty of Physics and Astronomy, Max-Wien-Platz 1, 07743 Jena)
10:00 am	Introduction		12:30 pm Lunch break		Visits at: The Wartburg (a castle originally built in the Middle Ages around 1067 where Martin Luther translated the New Testament into German)
10:30 am	Coffee break		2:00 pm Group Tutorial Heidelberg		University Observatory Großschwabhausen
11:00 am	From Counterintuitive Properties of Accelerated Motion to Compact Objects in General Relativity Markus Pössel (Haus der Astronomie, Heidelberg)		4:00 pm Coffee break		~ 5:30 pm Arrival back in Jena
12:30 pm	Lunch break		4:30 pm Across the Horizon into a Black Hole Plenary Tutorial Ute Kraus (University of Hildesheim)		Information: We will travel all routes by tour bus. Please take enough drinks with you for the day. At Wartburg Castle there are cafés and food stands where you can get a small lunch, e.g. a real Thuringian bratwurst.
2:00 pm	Testing General Relativity with the Massive Black Hole in the Galactic Center Stefan Gillessen (Max Planck Institute for Extraterrestrial Physics)		6:00 pm End of program		
3:30 pm	Coffee break				
4:00 pm	Group Tutorial Padova				
6:00 pm	End of program				

Thursday | 5th Sept. 2024

Friday | 6th Sept. 2024

Information

9:00 am **Studying Binary Neutron Stars through Nuclear Physics and Multi-Messenger Observations**
Tim Dietrich (Max Planck Institute for Gravitational Physics)

10:30 am **Coffee break**

11:00 am **Gravitational Waves from Compact Objects**
Sebastiano Bernuzzi (Friedrich Schiller University Jena)

12:30 pm **Lunch break**

2:00 pm **Gravity Experiments with Radio Pulsars – 50 Years after the Discovery of the Hulse-Taylor Pulsar**
Norbert Wex (Max Planck Institute for Radio Astronomy)

3:30 pm **Coffee break**

4:00 pm **Group Tutorial**
Jena

6:00 pm **End of program**

9:00 am **The Puzzling Tale of Compact Object Populations**
Erika Korb (University of Padua)

10:30 am **Coffee break**

11:00 am **A Mysterious Missing Link: Formation and Evolution of Intermediate-Mass Black Holes in Dense Stellar Environments**
Manuel Arca Sedda (Gran Sasso Science Institute)
via video broadcast

12:30 pm **Lunch break**

2:00 pm **Group Tutorial**
Milano

4:00 pm **End of program**

7:00 pm **Conference dinner**
Venue: Landgrafen Jena
(Landgrafenstieg 25, 07743 Jena)

Conference venue:

Faculty of Physics and Astronomy
Lecture hall 1 (HS1)
Max-Wien-Platz 1
07743 Jena

Hotel:

Best Western Hotel
Rudolstädter Str. 82
07745 Jena

How to get from the hotel to the conference venue :

By tram (~35 min):

- walk to tram stop „Winzerla“
- take the tram line 2 towards „Jena-Ost“
- exit at „Stadtzentrum Löbdergraben“ (city center)
- you can either walk from there (15 min) OR
- take the tram line 1 or 4 towards „Zwätzen“ (from the same platform you just arrived on)
- exit at „Spittelplatz“, walk from there (9 min)

By bus (~45 min):

- walk to bus stop „Winzergasse“
- take the bus line 12 towards „Stadtzentrum, Teichgraben“
- exit at „Stadtzentrum Teichgraben“ (city center)
- walk from there (15 min)

With funding from:

**WILHELM UND ELSE
HERAEUS-STIFTUNG**



**FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA**

Faculty of Physics and Astronomy
Working Group Teaching Methodology in
Physics and Astronomy