



Gravitational Self-Force and Amplitudes

Higgs Centre for Theoretical Physics Workshop,
19-22 March 2024

Welcome

LISA was approved this year!

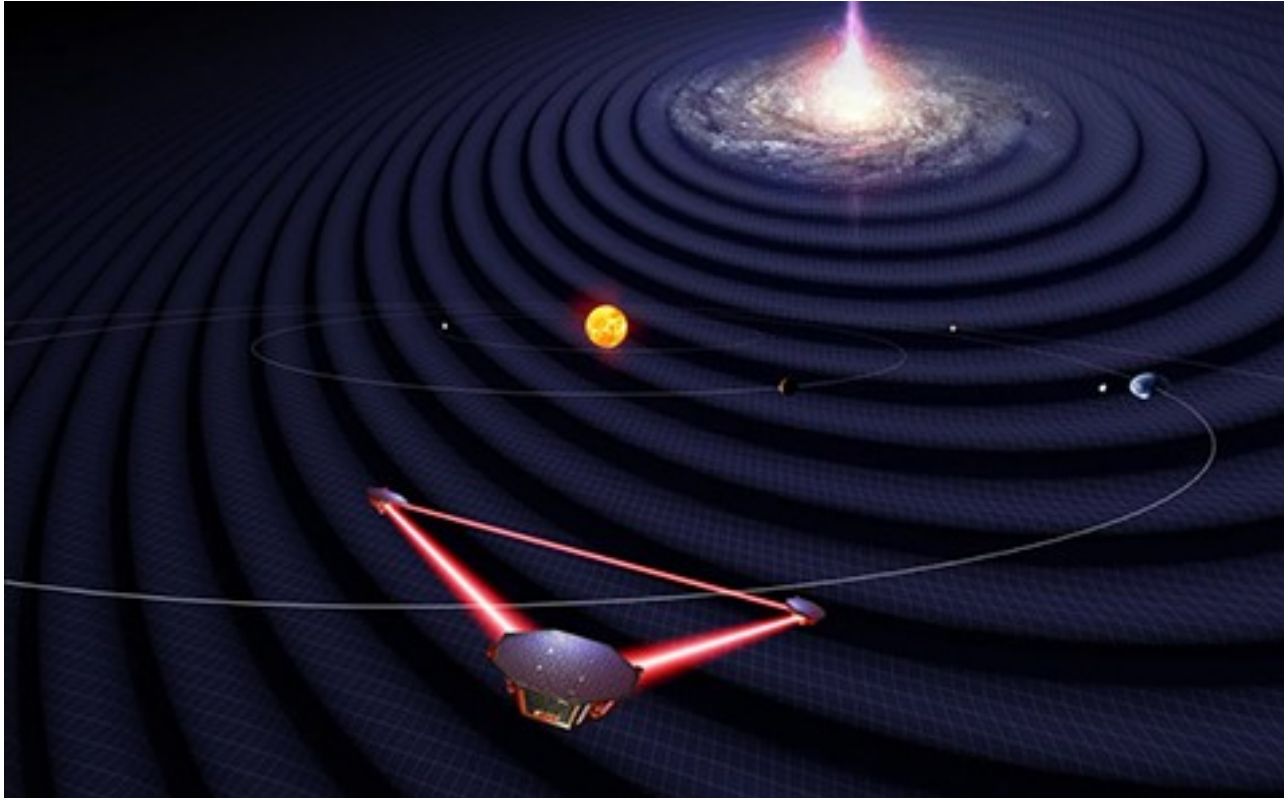


Image: ESA

- EMRI & Self-force more important than ever
- Fruitful interaction between Classical GR methods and QFT methods (amplitudes, worldlines)

Health and Safety

- Schedule fire drill at 8.55 am Wednesday. If alarm rings at other time, evacuate building.
- Follow the instructions on the blue FIRE ACTION notices posted throughout the building.
- Exit the building using the signed FIRE EXIT routes, closing all doors behind you.
- Do not use the lifts.
- Assemble in the car parks well away from the JCMB main entrance area and access road
- Do not re-enter an activated zone, signalled by flashing beacons at the zone boundary
- Do not re-enter the building until given all clear by Assembly Point Controller, Fire Brigade Officers or by public address system
- Do not use your mobile phone until you have safely evacuated the building.

Venue

- This building (JCMB) accessible 9 am to 6 pm
- Talks in Seminar Room, JCMB 4305
- Seats limited, priority given to registered participants.
- Breakout rooms 12 – 2 pm, 4 – 6 pm (location varies by day, see next slide)

Breakout rooms

Date	12pm-2pm	4pm-6pm
Tue 19/03	3211, 3212	3211, 5327
Wed 20/03	1206C, 1501	3211, 4325C
Thu 21/03	3211, 4325C	3211, 4325C
Fri 22/03	4325B, 4325C	4325B, 3212

WIFI access

- Eduroam should just work if you have it
- Visitor WIFI can be used otherwise.

Talks

- Timetable
<https://indico.ph.ed.ac.uk/event/278/timetable/>
- Each talk is 45 minutes + 15 minutes questions
- Justin Vines replaced by Barry Wardell. Rafael Porto replaced by Zhengwen Liu
- Session Chairs being assigned, need volunteers!
- 1-hour discussion sessions on Tue-Thu. Colloquium by Tanja Hinderer on Friday.

Video / Audio

- Ceiling microphones – speakers don't need to wear microphones
- Email or upload on Indico if you have access, to enjoy the electronic pointer and slide changer. (PowerPoint; browser for PDF on our computer)
- Otherwise, join with your laptop with HDMI, and use your mouse or the wooden stick as pointer

Food

- Lunch downstairs, 3rd floor, Magnet Cafe
- Coffee and refreshments in corridor outside seminar room
- **Conference dinner:** 7.30 pm Thursday 21 Mar, Amber Restaurant. Bus No. 9 Kings Buildings to Victoria Street, or other bus routes.
- More places to eat: see Indico page
<https://indico.ph.ed.ac.uk/event/278/page/116-places-to-eat-things-to-do>