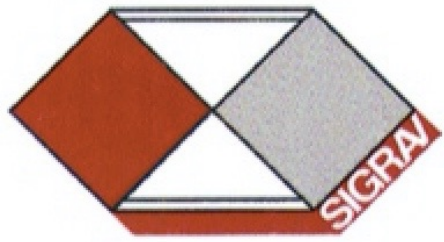




XXIV SIGRAV Conference 2021

Università di Urbino Carlo Bo
7 - 9 September 2021



What is SIGRAV

SIGRAV is the

Italian Society of General Relativity and Gravitation

It is a no-profit organization, founded in 1990 with the aim to promote the research on GR, Gravitation and Relativistic Astrophysics.

SIGRAV is active in organizing and sponsoring conferences and workshops and international schools, to form the new generation of researchers in the field

SIGRAV operate in connection with other national societies as those in Russia, Poland, Greece, Spain, Portugal and ISGRG.

SIGRAV signed a cooperation agreement (MoU) with *the Gravitational Physics Division of the European Physical Society*

SIGRAV events in the pandemia era

- **SIGRAV school 2020 Vietri a Mare (Salerno)** – *in presence*
- **SIGRAV School 2021 Vietri a Mare (Salerno)** - web connection
- **SIGRAV 2021 conference** – *September 7-9 2021, Urbino , Italy*

SIGRAV school 2020 Vietri a Mare (Salerno)

- **Geometrical and field theoretical manifestations of General Relativity and its generalizations**

S. Capozziello

- **Testing Gravity**

P. Pani

- **Cosmology Beyond General Relativity**

T. Baker

- **Cosmological Perturbation Theory and Primordial Gravitational Waves**

S. Matarrese

SIGRAV school 2020 Vietri a Mare (Salerno)

<https://agenda.infn.it/event/19488/>

- The School is intended for PhD students and young post-docs. Students are requested to attend all lectures and seminars. Whoever may be interested in attending the School and is not entitled - for his age or other reasons - to be considered a student, may follow the courses as observer.

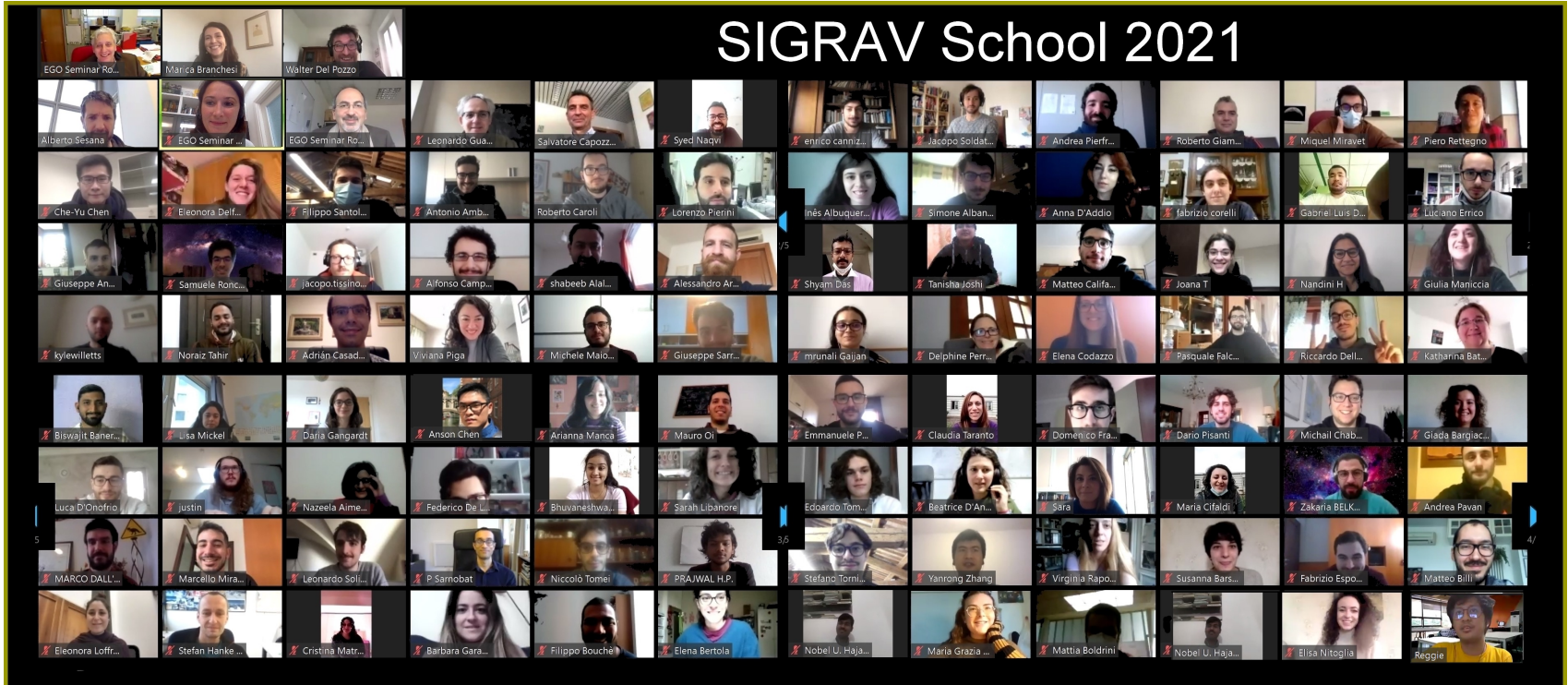


SIGRAV school 2021 Vietri a Mare (Salerno)

The school was held via web because of the pandemia

*Subject: Gravity of compact Objects and
Gravitational Waves*

SIGRAV School 2021



Physics of compact objects within the framework of GR and beyond,

L. Gualtieri

Astrophysics and detection of gravitational wave sources,

A. Sesana

Data analysis and General Relativity tests

W. Del Pozzo

Multimessenger Astronomy with Gravitational Waves and Electromagnetic Signals,

M. Branchesi

Events supported by SIGRAV

De MULTIS SIDEREIS NUNCIIS:

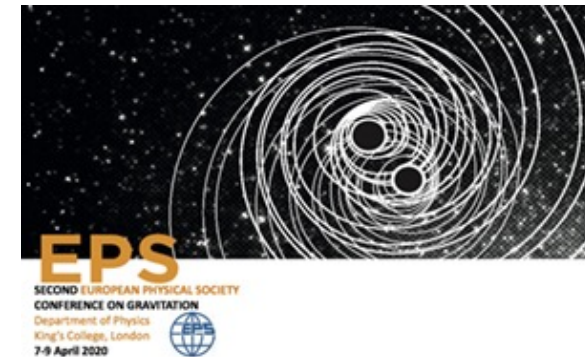
***Multis-messenger Astrophysics – June 28 /July 2 ,
2021 – Como, Italy***

<https://mmap.lakecomoschool.org>



***Second EPS GPD conference: measuring gravity – April
7-9 ,2021***

<https://agenda.infn.it/event/26098/>



***SSM School on Gravitational Waves - Napoli – June 14-
28 , 2021***

<http://www.ssm.unina.it/it/gw-lectures/>



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GW LECTURES

**Gravitational Waves from Theory to Experiments:
the Birth of a New Astronomy**

June 14-28 2021

Next event

- *SIGRAV School – Vietri a Mare (Salerno)
February 2022*
- *Third EPS Conference on Gravitation – Nice
2022*

XXIV SIGRAV CONFERENCE

<https://agenda.infn.it/event/26213/timetable/#all.detailed>

TUESDAY 7th

Morning

Gravity Theory

Afternoon

Experimental Gravitation

SIGRAV award Ceremony

WEDNESDAY 8th

Morning

Beyond Einstein Gravity

Afternoon

Gravitational Waves

SIGRAV shareholders meeting

Social Dinner

Thursday 9th

Morning

Cosmology

Afternoon

The GW future

SIGRAV steering committee

Anti-COVID19 rules for all participants

- Participants must wear at least a surgical mask to access the University facilities and must keep it worn for the duration of the event;
- Participants in the event will be subjected to body temperature control: access will be denied in case of temperature $> 37.5^{\circ} \text{C}$;
- Participants in the event must deliver the COVID-19 EMERGENCY self-declaration, previously sent by email by the event organization, properly completed and signed (the list of self-declarations serves as an attendance register);
- Participants in the event must have one of the COVID-19 Green PASS certifications. The Green Pass must be shown at the entrance and will be verified by suitably trained staff.

Conference Logistic

The Conference is hosted by the Urbino University Carlo Bo in the beautiful setting of Palazzo Battiferri located in the historic centre of the town, an UNESCO World Heritage Site.



Lunch and Coffee Breaks at the university, provided in sequence to small groups reduced bunches of people

Dinner is free

<https://www.oraviaggiando.it/ristoranti/urbino/4226/1/>

