

Interplay between Particle and Astroparticle Physics 2022

Technische Universität (TU)
Wien,
September 05-09

Welcome to Vienna to the 4th International Conference on Interplay between Particle and Astroparticle Physics

Jochen Schieck

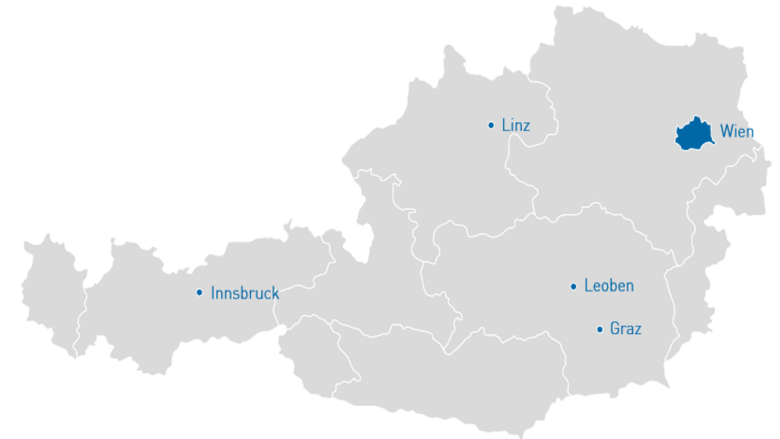
Institute of High Energy Physics of the Austrian Academy of Sciences (HEPHY)
and Technische Universität Wien

Welcome to the 4th Conference on Interplay between Particle and Astroparticle Physics



Austrian Academy of Sciences

- Founded in 1847
- Learned society and research institution for fundamental research
- 25 research institutes in natural sciences, humanities and social sciences
- About 1800 employees
- Several scholarship programs for doctoral candidates and post-docs



Technische Universität Wien

- Founded in 1815 as Imperial-Royal Polytechnic Institute and renamed in 1872 as College of Technology and since 1975 named Vienna University of Technology
- Eight faculties with 4100 scientific personal
- 53 courses of studies with 27000 students
- Operation of the only research reactor in Austria



Institute of High Energy Physics

- Institute of the Austrian Academy of Sciences
- HEPHY was founded in 1966 to fully exploit Austria's membership in CERN (Austria joined CERN in 1959)
- About 80 employees, scientists, technicians, and administration
- HEPHY is Austria's largest research institute focusing on particle physics
 - Significant contribution to Austria's education and outreach in particle physics comes from HEPHY
- Close collaboration of HEPHY with TU Wien and the University of Vienna in education and research
- Experimental groups in CMS, Belle II, CRESST, COSINUS, NUCLEUS
- Experimental group on detector development and technical departments
- Theoretical research group with a strong focus on Dark Matter



relocation to new building 2022/23

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Welcome to Vienna

Gianluca Inguglia - Brigitte De Monte - Valentyna Mokina - Alberto Escalante Del Valle -
Josef Pradler - Petar Rados - Jochen Schieck - Christoph Schwanda



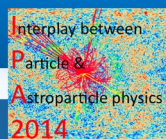
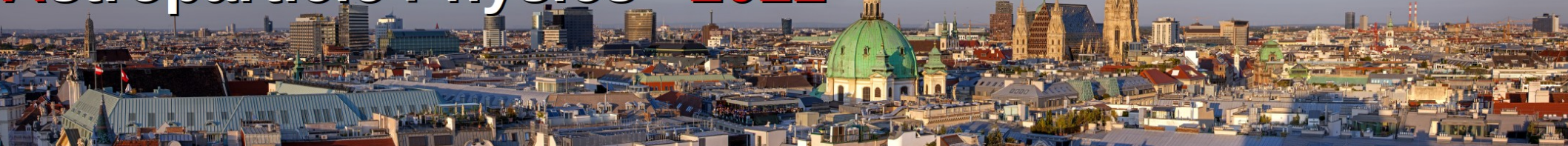
ÖAW
ÖSTERREICHISCHE
AKADEMIE DER
WISSENSCHAFTEN



Der Wissenschaftsfonds.

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Interplay between Particle and Astroparticle Physics (IPA 2014)

18-22 August 2014 Queen Mary University of London
UTC timezone

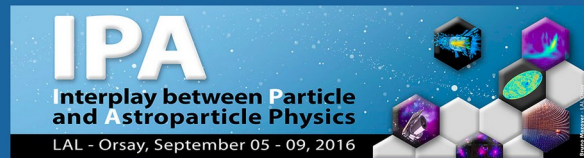
- Overview
- Scientific Programme
- Timetable
- Contribution List
- Registration
- Registration Form
- List of registrants
- Organising Committee
- Talks and Proceedings
- Accommodation
- Social Programme
- Mile End Campus Map
- Suggested places to eat
- Poster
- Sponsors
- Location

Dates: from 18 August 2014 08:00 to 22 August 2014 18:00

Timezone: UTC

Location: Queen Mary University of London
Mile End Road
London
E1 4NS
Room: Francis Bancroft; David Sizer LT

Chairs:
Additional info: Please contact the Events Office; with any questions you might have concerning the event. The local organising team can be reached using ipa-2014@qmul.ac.uk.



(no title)

Sep 5 - 9, 2016
Europe/Paris timezone

Enter your search term

- Overview
- Timetable
- How to get to LAL
- Registration
- Participates list
- Poster
- Social Event: Walks in Paris
- Restaurant Informations

There are several open questions in Physics today each of which touches the fields of both Particle Physics and Astroparticle/Cosmology. For example, only 5% of the Universe is described by the Standard Model of particle physics. A far larger contribution comes from the elusive Dark Matter whose existence has been inferred from Astroparticle measurements, and for which a large variety of models have been built by the theory community. Dark Matter is searched for in dedicated direct and indirect detection experiments but also in high-energy collisions at the LHC. Other subjects, such as the baryogenesis is still an open question related both to leptogenesis and CP violation and the matter content of today's Universe. The knowledge of the neutrino sector has greatly increased over the past decades, but the question of the hierarchy is not yet solved and would need both accelerator/astroparticle and cosmological measurements to be fully understood. The physics of inflation which will be better constrained in the coming years would also need skills from both fields to be fully explored. Is a simple extension of the Standard Model sufficient or do we need more? In many fields the "single experiment" measurements have given way to more global views of our models: electroweak fits, exploring the parameter space of models beyond the Standard Model taking into account measurements and limits on new signatures.



IPA 2018 (Interplay between Particle and Astroparticle physics)

8-12 Oct 2018
US/Eastern timezone

Enter your search term

- Overview
- Timetable
- Contribution List
- Registration

Useful information

Venue:
The conference will take place in Taft Museum of Art, downtown Cincinnati, 316 Pike Street.
Taft parking garage is underneath the rear part of the museum - one enters from the front of the museum on the left. It is free and open to all workshop attendees.

IPA 2014
London

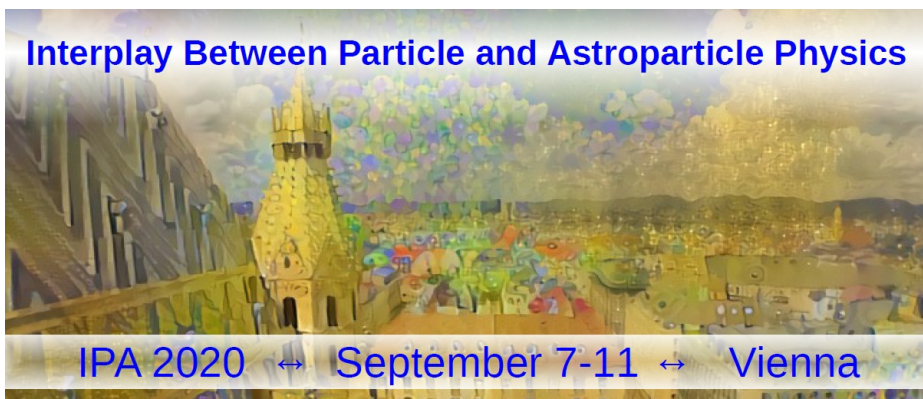
IPA 2016
Paris

IPA 2018
Cincinnati

IPA is an international conference aiming to bring together scientists from different but related fields to discuss and review the status of our understanding of the universe.

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12/10/2018

Gianluca Inguglia

for the IPA 2020 Local Organising Committee*

* Brigitte De Monte(secretary), G.I. (chair), Suchita Kulkarni, Josef Pradler, Jochen Schieck, Christoph Schwanda

The organization of this event started back in 2018, with the original plan to have IPA 2020 in Vienna, following the 2018 edition from Cincinnati...

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Von: Inguglia, Gianluca
Gesendet: Montag, 24. Februar 2020 14:18
An: Adrian Bevan
Betreff: IPA2020

Private email exchange

Hi Adrian,

just to let you know that things are proceeding very smoothly for IPA 2020, and you can expect a very nice conference. Basically the programme is ready..

Cheers,
Gianluca

Gianluca Inguglia
Belle & Belle 2 Experiments
HEPHY
Institut für Hochenergiephysik der
Österreichischen Akademie der Wissenschaften

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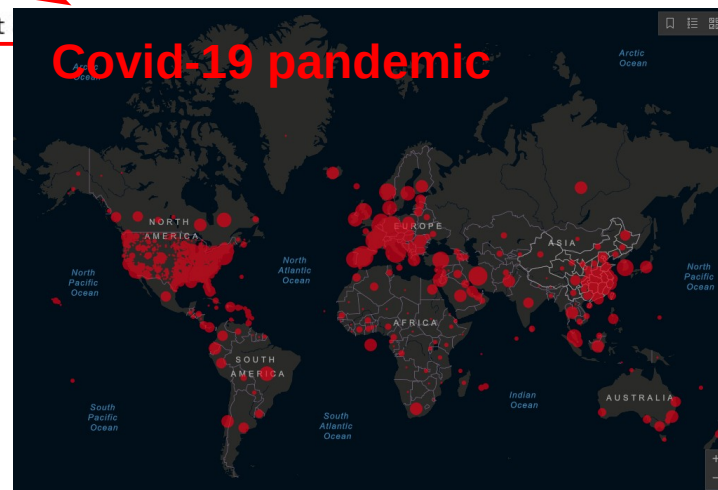
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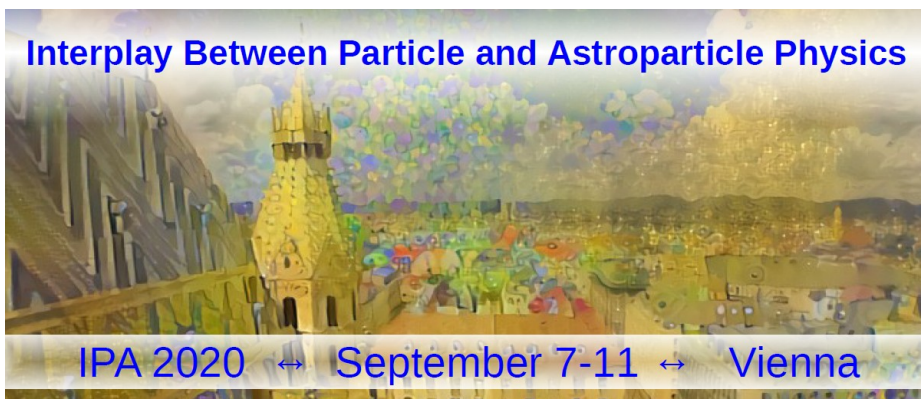
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Covid-19 pandemic



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...eventually, after many discussions, ideas, and events, we decided to run IPA as an in-person only event in 2022.

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Official Covid-19 regulations in Austria

<https://www.austria.info/en/service-and-facts/coronavirus-information>



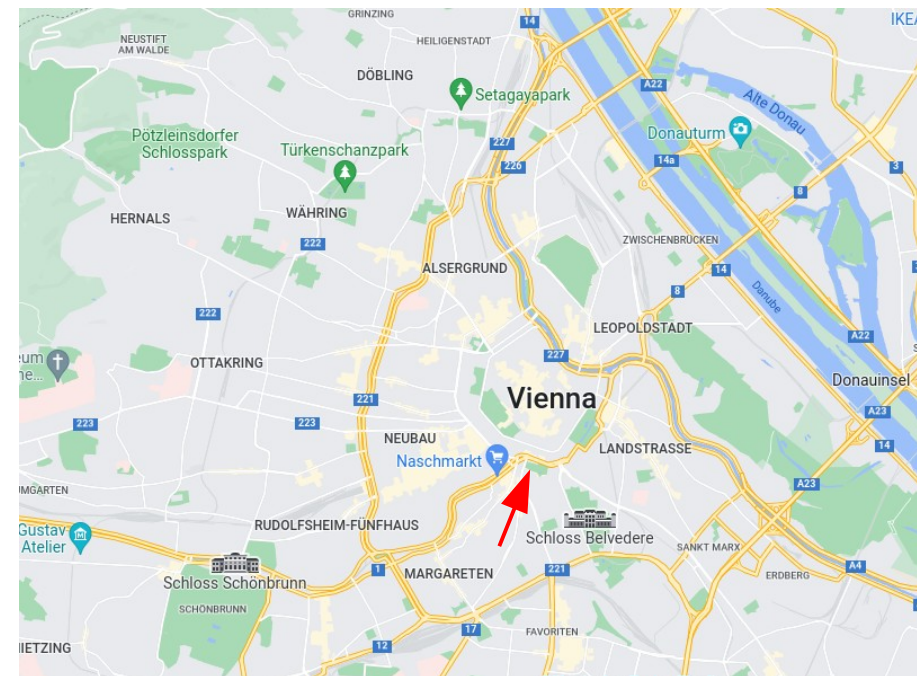
- FFP 2 masks are no longer mandatory in essential shops and when using public transport in all Austrian federal provinces except for Vienna.
- **In Vienna only, FFP 2 masks remain compulsory on public transport and in pharmacies.**
- Children under the age of 6 are exempt, those from 6 to 13 can wear a regular mask while FFP2 masks are mandatory from the age of 14.

At IPA 2022

- It is **recommended**, but not mandatory, to wear a mask for self-protection, and for protection of others.
- Besides official rules it is always good to make use of our **common sense**.
- In case of doubts **always** feel free to talk to us at the registration desk.

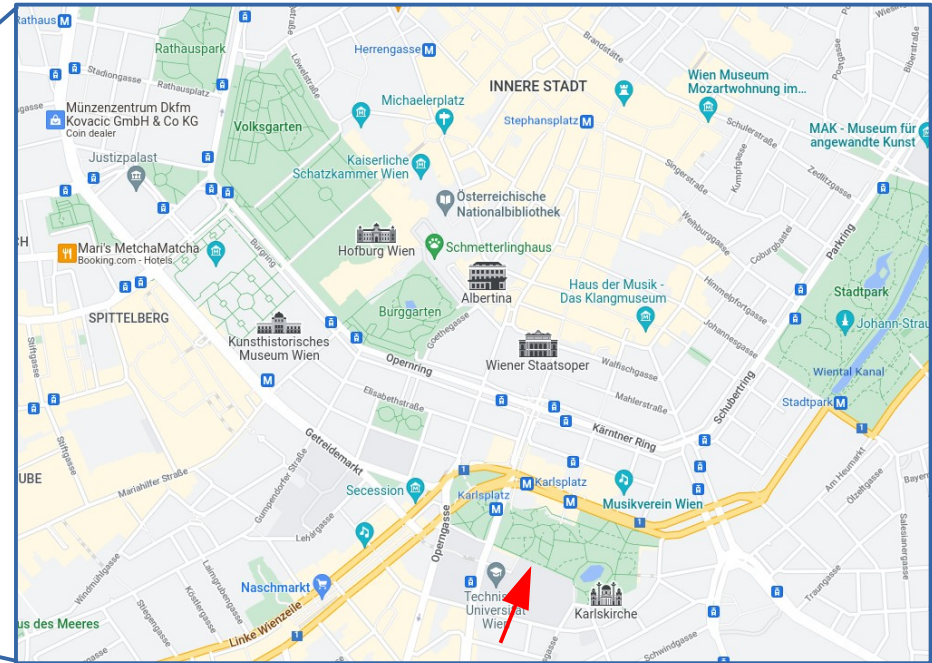
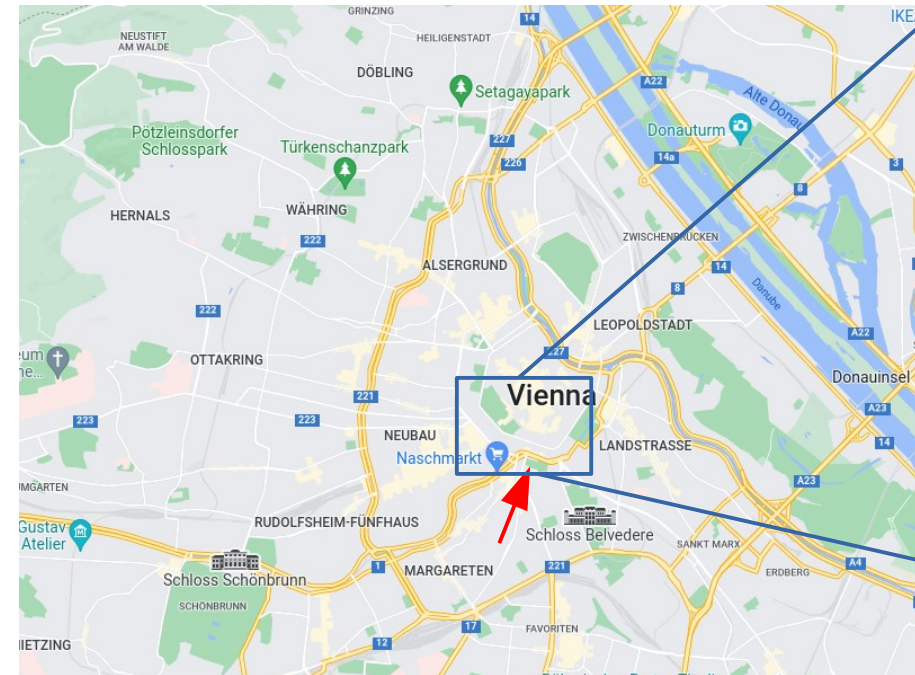
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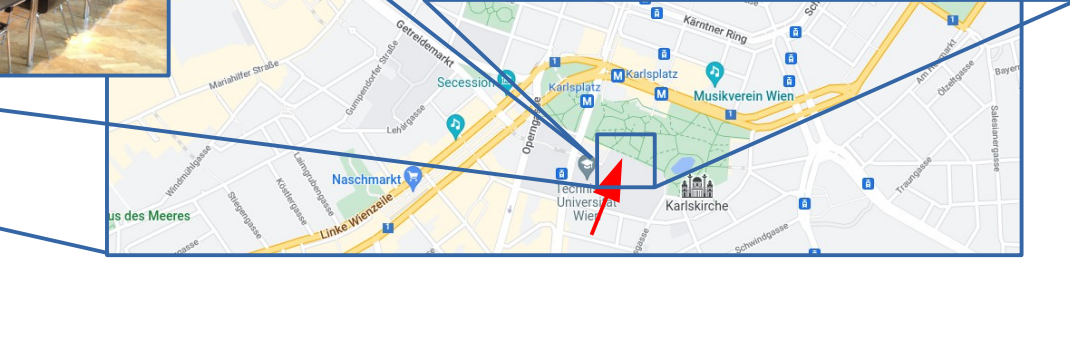
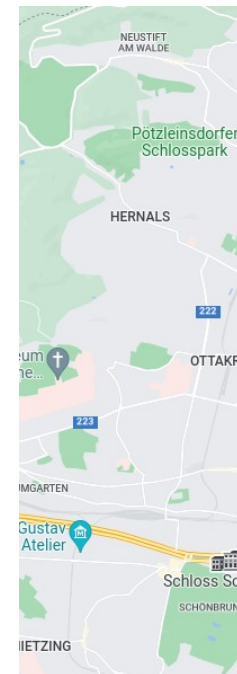
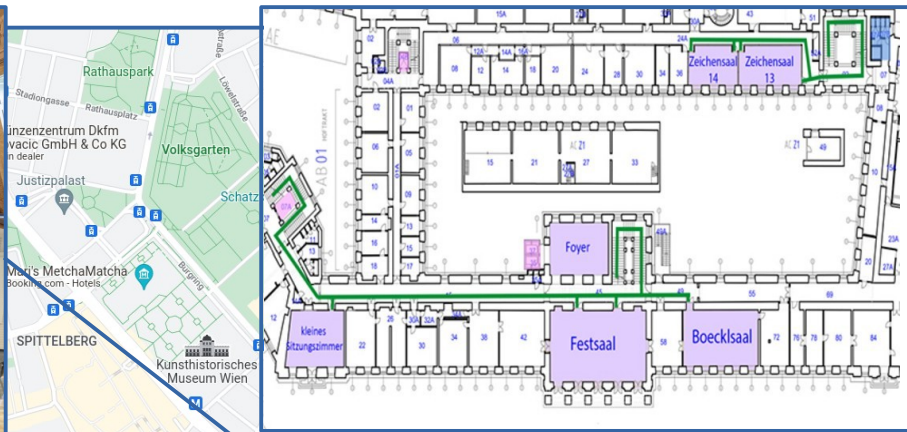
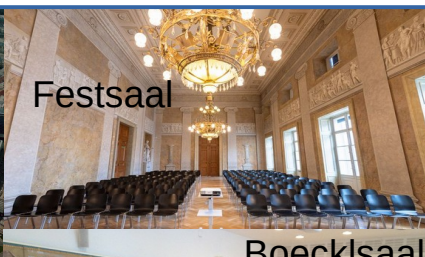
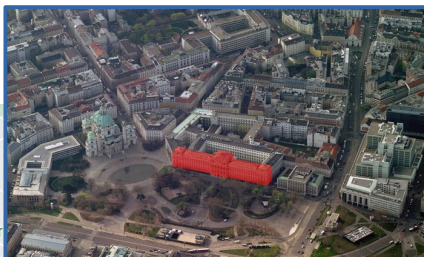
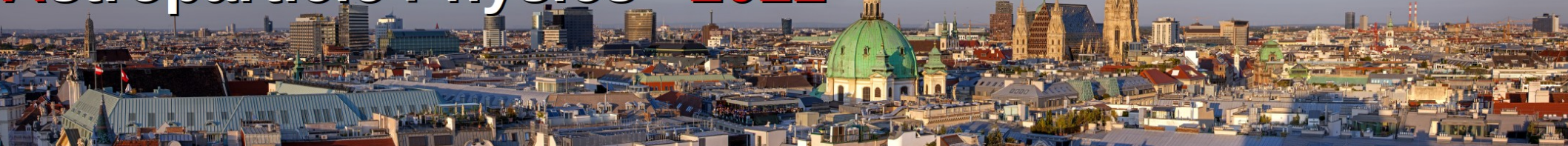
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Social activities

- **Welcome reception** Today, September the 5th, from 18:00 in the Boecklsaal.
- **Vienna Social Walk** Wednesday the 7th. The tour starts at the Stephansplatz at 14:00. After the tour they will go to Café Gerstner, Kärntner straÙe (personal tickets provided, if you don't go and have a ticket, please give back to the registration desk so that we can give it to someone in the waiting list)
- **IPA 2022 Group Photo** After the special seminar (see next page) on Wednesday the 7th.
- **IPA 2022 Social Dinner** Wednesday the 7th at the [Heuriger Fuhrgassl-Huber](#); a bus will take us there at 18:45 from nearby the conference venue (we all go together after taking the group photo) and bring us back nearby the conference venue at 22:30. **Your name badge is needed, please take it with you.**

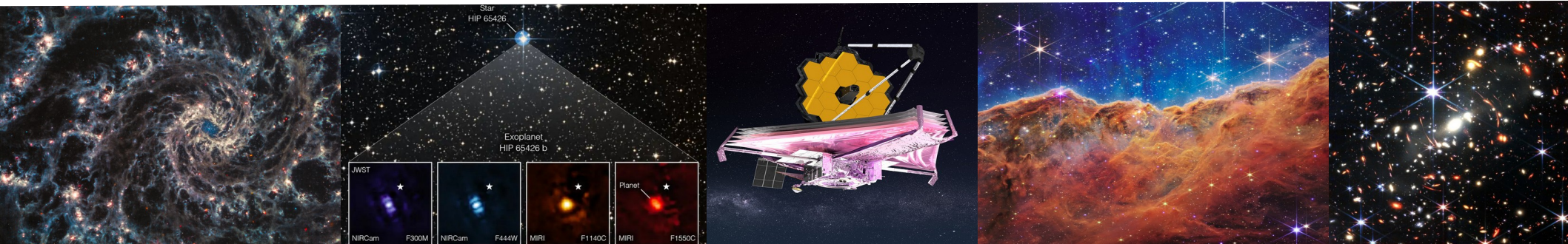
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Special Seminar

by **NASA JWST systems engineer Begoña Vila**, on Wednesday September 7th, 17:30
(coffee served before the seminar from 17:00)

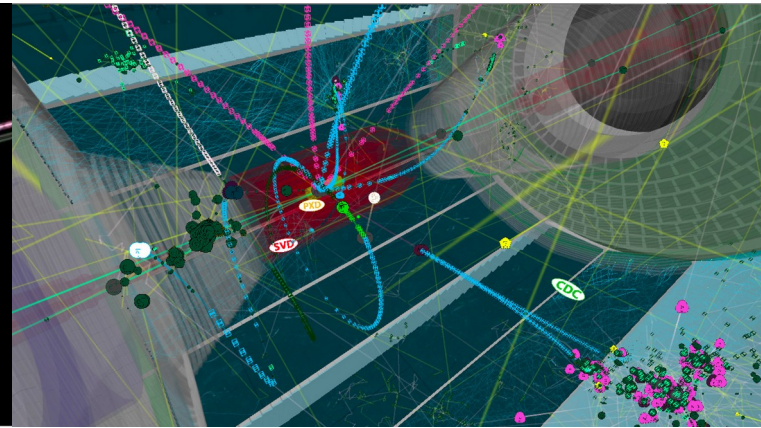
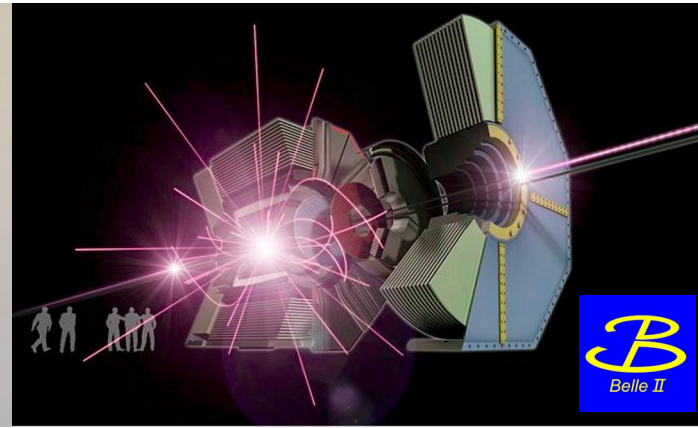
"The James Webb Space Telescope, path to the first images: ground testing, on orbit commissioning and what happens next."



Repetita iuvant: the seminar will be followed by the IPA 2022 group photo, after which we all walk to the bus towards the IPA 2022 dinner.

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A continuous exhibition of the **Belle II Virtual Reality** will take place during all coffee breaks (except Friday afternoon) in the coffee breaks area → enjoy a dive into the Belle II experiment!

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General info

- Individual WiFi access has been provided to everyone (check your welcome bag); Eduroam is also available everywhere through the Technical University.
- At the Registration desk, maps (how to go) for the walking tour, the dinner and for lunch suggestions are available.
- Its a public space. please do not let your personal belongings (laptop, phone,...) unattended.
- You can safely drink tap water everywhere in Vienna. When this is not allowed, it is explicitly posted (Kein Trinkwasser).

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Presentations and slides

- Please stay on time and allow time for questions (30=25+5 unless otherwise specified)
 - Microphones will fly through the room
- Please upload your slides 2 hours before your talk at the latest
 - You can upload your slides at the registration desk



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**Let's all have a fruitful meeting,
and once again **Welcome to
Vienna****