

# Interplay between Particle and Astroparticle Physics 2022

Technische Universität (TU)  
Wien,  
September 05-09

## *Welcome to Vienna*

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



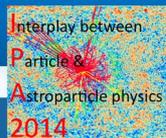
ÖAW  
ÖSTERREICHISCHE  
AKADEMIE DER  
WISSENSCHAFTEN



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

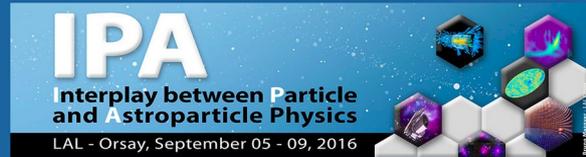
**Dates:** from 18 August 2014 08:00 to 22 August 2014 18:00

**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](mailto:ipa-2014@qmul.ac.uk).



LAL - Orsay, September 05 - 09, 2016

(no title)

Sep 5 - 9, 2016

Europe/Paris timezone

Enter your search term

Overview
Timetable
How to get to LAL
Registration
Participans 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, Cincinnati, OH, USA

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

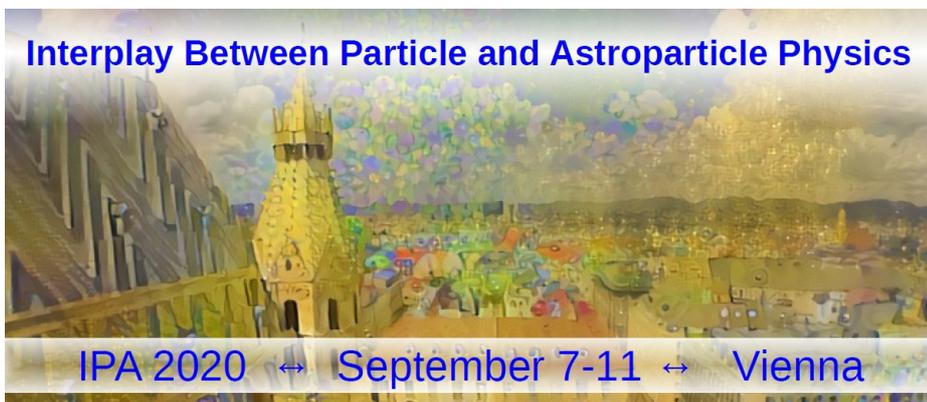
IPA 2016  
Paris

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

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

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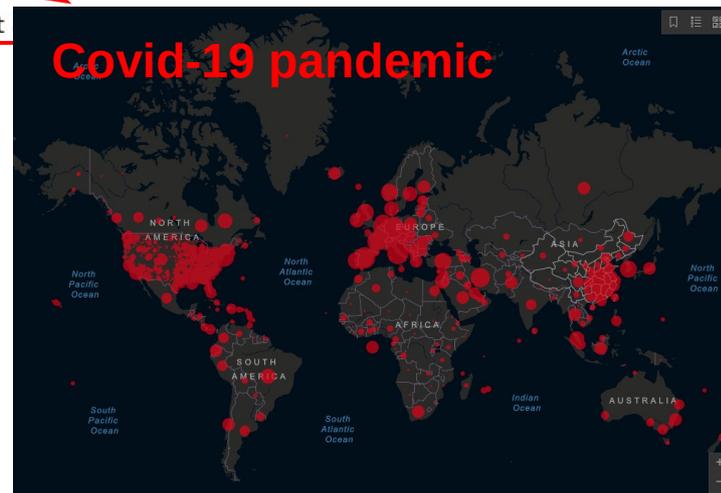
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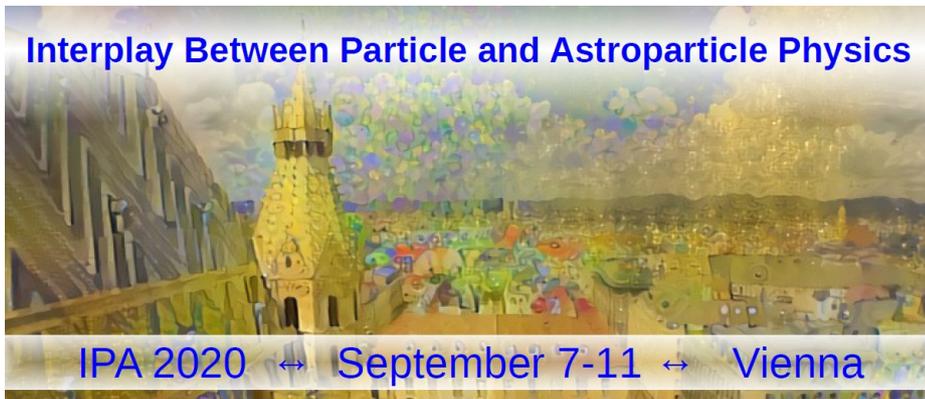
Gianluca Inguglia  
Belle & Belle 2 Experiments  
HEPHY  
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Covid-19 pandemic



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12/10/2018

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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>



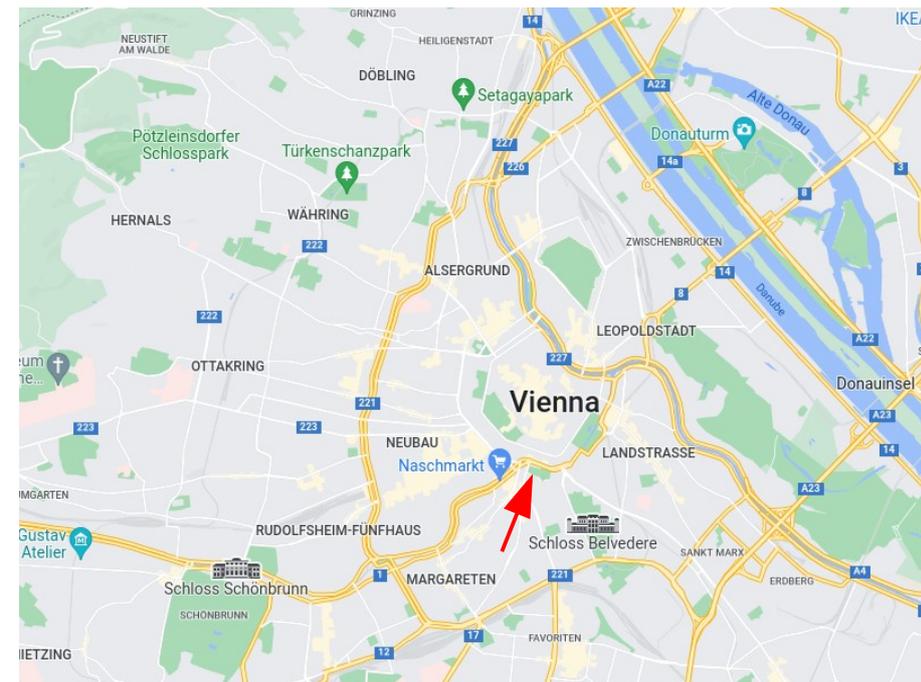
- FFP 2 masks are no longer mandatory in essential shops and when using public transport in all Austrian federal provinces except for Vienna.
- **In Vienna only, FFP 2 masks remain compulsory on public transport and in pharmacies.**
- Children under the age of 6 are exempt, those from 6 to 13 can wear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

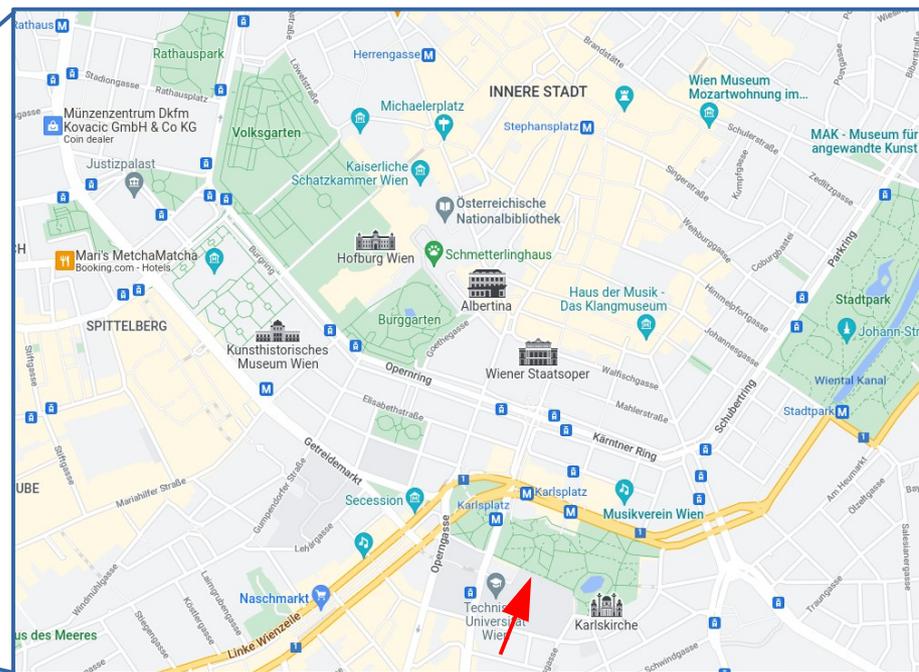
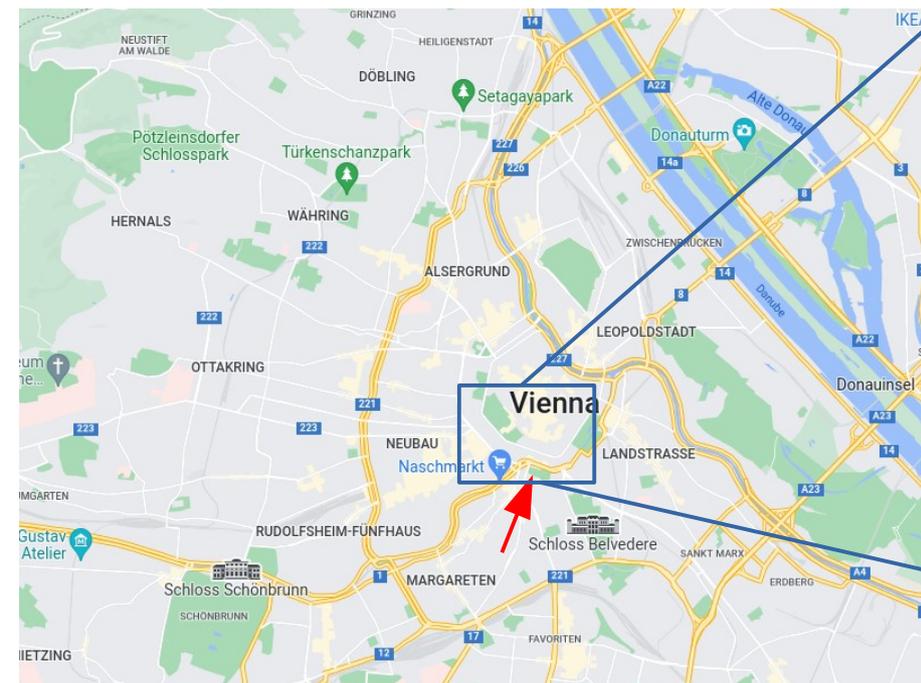
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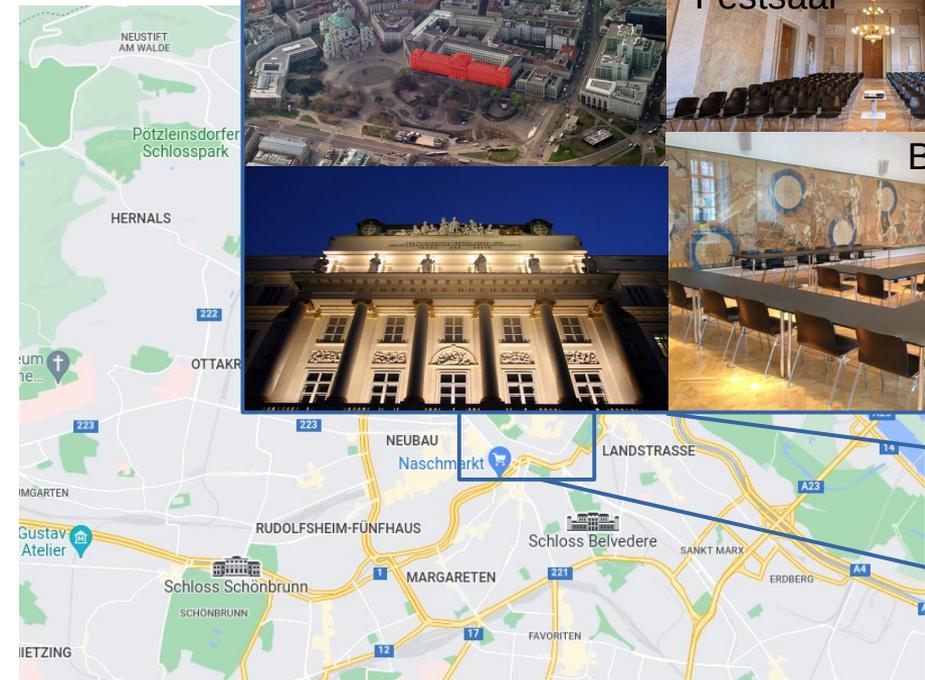
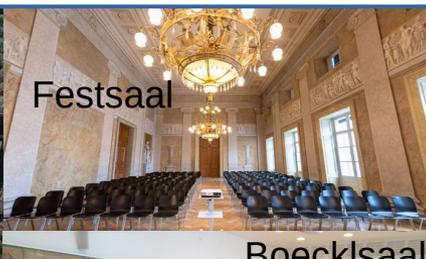
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## Social activities

- **Welcome reception** Today, September the 5<sup>th</sup>, from 18:00 in the Boecklsaal.
- **Vienna Social Walk** Wednesday the 7<sup>th</sup>. 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 7<sup>th</sup>.
- **IPA 2022 Social Dinner** Wednesday the 7<sup>th</sup> 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.**

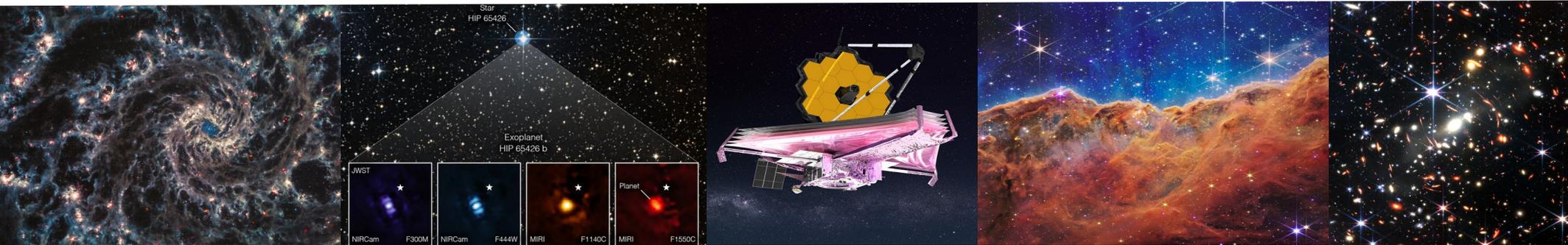
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## Special Seminar

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

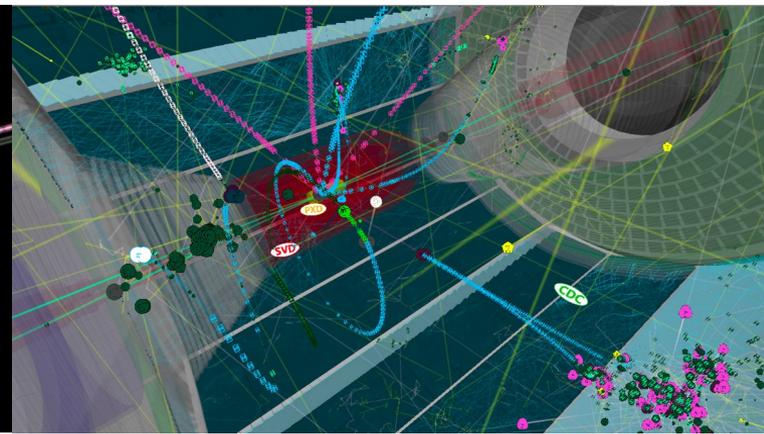
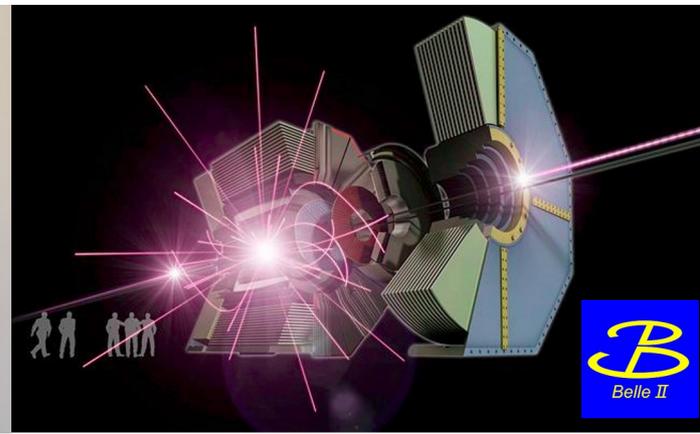
**"The James Webb Space Telescope, path to the first images: ground testing, on orbit commissioning and what happens next."**



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**