



# CHIPP Plenary meeting 2021

10-11 June 2021 Hotel Seaside, Spiez

# Agenda

## REGISTRATION - WELCOME COFFEE

10:00 - 10:30

### Welcome & Introduction

Rainer Wallny

For the scientific session of the Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

10:30 - 10:45

### Recent exciting results from LHCb

Nicola Serra

For the scientific session of the Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

10:45 - 11:05

### Theory outlook and motivation, including a small overview of experiments addressing the relevant questions

Gino Isidori

For the scientific session of the Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

11:05 - 11:25

### Exotic results from ATLAS and CMS, with emphasis on models with sensitivity to LFV, e.g. leptoquarks

Steven Schramm

For the scientific session of the Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

11:25 - 11:45

### Flash talk: LHCb detector upgrade

Carina Trippel

For the scientific session of the Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

11:45 - 11:50

### Flash talk: Theorists recasting LHC results

Jakub Šalko

For the scientific session of the Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

11:50 - 11:55

### Discussion

For the scientific session of the Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

11:55 - 12:25

## LUNCH

14:00

### Board: Formal meeting

Rainer Wallny

### Young Scientists: Meeting

15:00

<https://indico.cern.ch/event/1028344/>

14:00 - 16:00

14:00 - 16:00

16:00

### PHOTO

16:00 - 16:10

### CAFFEE BREAK

16:10 - 16:30

# Agenda

|       |   |  |
|-------|---|--|
| 17:00 | <b>Board: Formal meeting</b><br><i>Rainer Wallny</i><br><a href="https://indico.cern.ch/event/1028344/">https://indico.cern.ch/event/1028344/</a><br>16:30 - 17:30  | <b>Young Scientists: Advanced Accelerator Concepts, and Possible Applications in HEP</b><br><i>Rasmus Ischebeck</i><br>16:30 - 17:30 |
|       | <b>Introduction</b><br>Thursday afternoon Doodle: <a href="https://doodle.com/poll/ihhf8mhku7qdmzpy">https://doodle.com/poll/ihhf8mhku7qdmzpy</a><br>17:30 - 17:35  |  |
|       | <b>Search for neutrinoless double beta decay with GERDA and LEGEND-200</b><br><i>Gabriela Rodrigues Araujo</i><br>Thursday afternoon Doodle: <a href="https://doodle.com/poll/ihhf8mhku7qdmzpy">https://doodle.com/poll/ihhf8mhku7qdmzpy</a><br>17:35 - 17:41 |  |
|       | <b>Optical TPC for future neutrino experiments</b><br><i>Robert Mihai Amarinei</i><br>Thursday afternoon Doodle: <a href="https://doodle.com/poll/ihhf8mhku7qdmzpy">https://doodle.com/poll/ihhf8mhku7qdmzpy</a><br>17:41 - 17:47                             |  |
|       | <b>Overview of the Preliminary Data Transmission Chain Prototype for the Upgrade of the ATLAS ITk Pixel Detector at the LHC</b><br><i>Meghranjana Chatterjee</i>  | <b>ArDM - A 1t Liquid Argon Dark Matter Detector</b><br><i>Alex Stauffer</i><br>18:10 - 18:16  |
|       | <b>Neural networks for TeV cosmic electrons identification on the DAMPE experiment</b><br>Thursday afternoon Doodle: <a href="https://doodle.com/poll/ihhf8mhku7qdmzpy">https://doodle.com/poll/ihhf8mhku7qdmzpy</a><br>18:16 - 18:22                         | <b>Development of a novel cryogenic Muonium beam</b><br><i>Jesse Zhang</i><br>18:16 - 18:22  |
| 18:00 | <b>Explore deep space science with Penetrating particle Analyzer (PAN)</b><br>Thursday afternoon Doodle: <a href="https://doodle.com/poll/ihhf8mhku7qdmzpy">https://doodle.com/poll/ihhf8mhku7qdmzpy</a><br>18:22 - 18:28                                     | <b>EFT description of the g-2</b><br><i>Jason Aebischer</i><br>18:22 - 18:28   |
|       | <b>Break</b><br>Thursday afternoon Doodle: <a href="https://doodle.com/poll/ihhf8mhku7qdmzpy">https://doodle.com/poll/ihhf8mhku7qdmzpy</a><br>18:28 - 18:34   | <b>Making Sense of Ambiguities in Renormalization Group Functions</b><br><i>Anders Eller Thomsen</i><br>18:28 - 18:34                |
|       |   | <b>Stability of the Higgs Sector in a Flavor-Inspired Multi-Scale Model</b><br><i>Lukas Allwicher</i><br>18:34 - 18:40               |
| 19:00 | <b>DINNER</b><br>19:00 - 20:00  |  |
| 20:00 | <b>Plenary: Poster session</b><br>20:00 - 21:00   |  |
| 21:00 |   |  |

# CORONA times ..

Please fill the Plenary Session doodle to split the guests into two groups of 50 people

- Speakers need to be in 401/402 (4th floor)
- Everybody else free to choose also 221/221a (2<sup>nd</sup> floor)



Thursday morning: <https://doodle.com/poll/sezw3yfv4msg8ax3>

Thursday afternoon: <https://doodle.com/poll/ihhf8mhku7qdmzpy>






Friday morning: <https://doodle.com/poll/9xagpc6g8hky294e>

Today 14h-16h and 17:30h-18:30h:

- CHIPP Board in 401/402 (attn: separate indico webpage and ZOOM link)
- Young Scientists Session in 221/221a

After Dinner Poster Session in 301/309 starting 20:00h

Plenary room Thursday 10/06  
MORNING 10:00-12:30  
by Angela • 2 days ago • Print

|  | Main room<br>(401/402) Speaker<br>station | Projectio<br>n room<br>(221a/221<br>b) |
|--|---|--|
| 11 participants +  | ✓10/50                                    | ✓1/50                                  |
|  Rainer Wallny                              | ✓   |  |
|  Armin Fehr<br>angela.benelli@cern.ch       |   | ✓                                      |
|  Nicola Serra<br>angela.benelli@cern.ch     | ✓   |  |
|  Jakub Salko<br>angela.benelli@cern.ch     | ✓   |  |
|  Carina Trippel<br>angela.benelli@cern.ch | ✓   |  |

# Agenda

|       |   |                               |               |
|-------|---|-------------------------------|---------------|
| 09:00 | <b>Plenary: Formal meeting</b>  | <i>Rainer Wallny</i>          |               |
| 10:00 | <a href="https://indico.cern.ch/event/1043538/">https://indico.cern.ch/event/1043538/</a> |                               | 09:00 - 10:20 |
|       | <b>COFFEE BREAK</b>   |                               | 10:20 - 10:40 |
|       | <b>Direct dark matter detection: Recent results from XENON</b>                            | <i>Christian Wittweg</i>      | 10:40 - 10:55 |
| 11:00 | <b>Recent results on CP violation from T2K</b>  | <i>Prof. Federico Sanchez</i> | 11:00 - 11:15 |
|       | <b>Dark sector physics - results from NA64</b>  | <i>Paolo Crivelli</i>         | 11:20 - 11:35 |
|       | <b>FASER / FASERv / SND</b>   | <i>Dr Akitaka Ariga</i>       | 11:40 - 11:55 |
| 12:00 | <b>Theoretical calculations of g-2 and recent experimental results</b>                    | <i>Gilberto Colangelo</i>     | 12:00 - 12:15 |
|       | <b>LUNCH</b>  |                               |               |
|       |   |                               | 12:30 - 14:00 |
| 14:00 | <b>Young Scientists: Institute introduction</b>   |                               | 14:00 - 15:00 |
| 15:00 | <b>Young Scientists: Q&amp;A session with institute representatives</b>                   |                               | 15:00 - 16:00 |
| 16:00 | <b>Young Scientists: Game</b>   |                               | 16:00 - 17:00 |
| 17:00 |   |                               |               |

# Plenary Etiquette

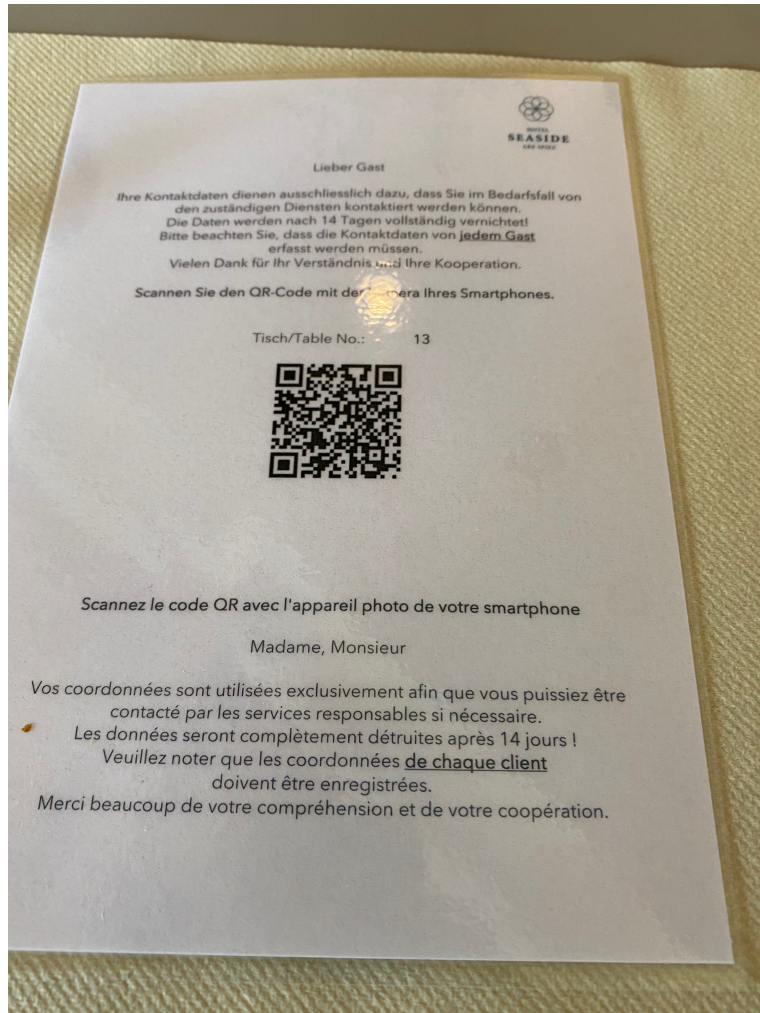
- Wear a mask at all times
- Hand Desinfectant **OFTEN PLEASE!**
- If you pass the microphone, desinfect hands before and after use
  
- People in room: please keep zoom session mute **AND** output volume zero to avoid feedback if you connect
  
- People outside: Zoom moderator Mauro Donega is co-host who you could chat with if there is a minor problem (not to interrupt the main session)

# Lunch and Breakfast Rules

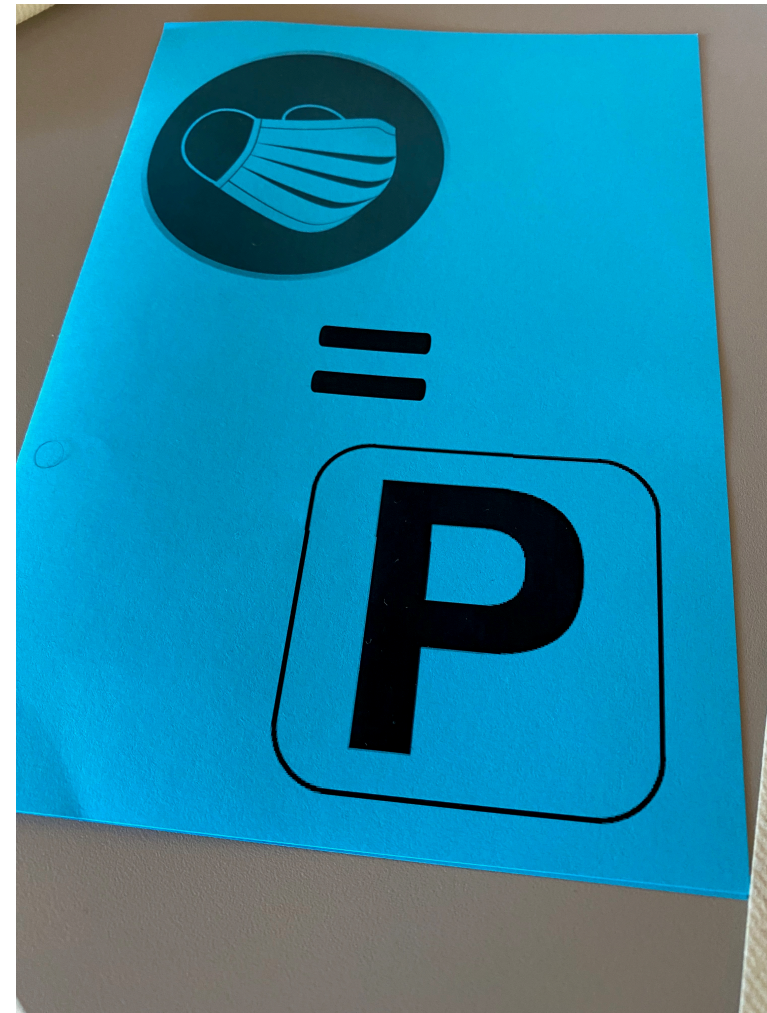


- Lunch is provided buffet style in two separate lunch rooms on the 4<sup>th</sup> floor
- Lunches → two shifts start 12:30h and 12:50h to avoid queues
  - Room 221a/221b goes at 12:30h
- Go straight to the buffet, disinfect the hands and find a place to sit in one of the two rooms
- Please wait if there is a queue
- Up to 4 people can sit at a table but need to check in individually via the provided QR code (contact tracing)
- Breakfast: similar and no shift necessary  
Take breakfast in the hotel you are in

# Breakfast and Lunch check in



Scan the QR code and check in  
Do not forget to check out (webpage)



Mask parking spot (indicating max attendance at table, up to four)

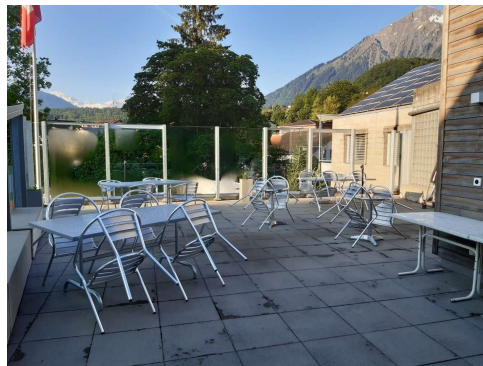


# Coffee Breaks

There are coffee stations in the seminar rooms for coffee breaks

Please wear a mask while waiting in line and keep distance

No congregation inside please, either go to your place or you can go outside the main entrance or patio/terrace to chat with a colleague



4th floor

3rd floor



# Photo Session

Today 16h **PHOTO** shot!  
On the terrace where the  
chess board is

Wear your favorite mask



# Poster Session in 301/309



- Keep the distance
- Max 50 people at the time in room 301/309 during the poster session

# Check-out ..

Leave your room at Seaside Hotel by 9 h (others may vary)

There will be a room for your luggage

**IMPORTANT!**

SEND your Name, address and phone number to Angela via email PLEASE

# CORONA times ..

