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7th Low Emittance Rings Workshop 2018

Introduction

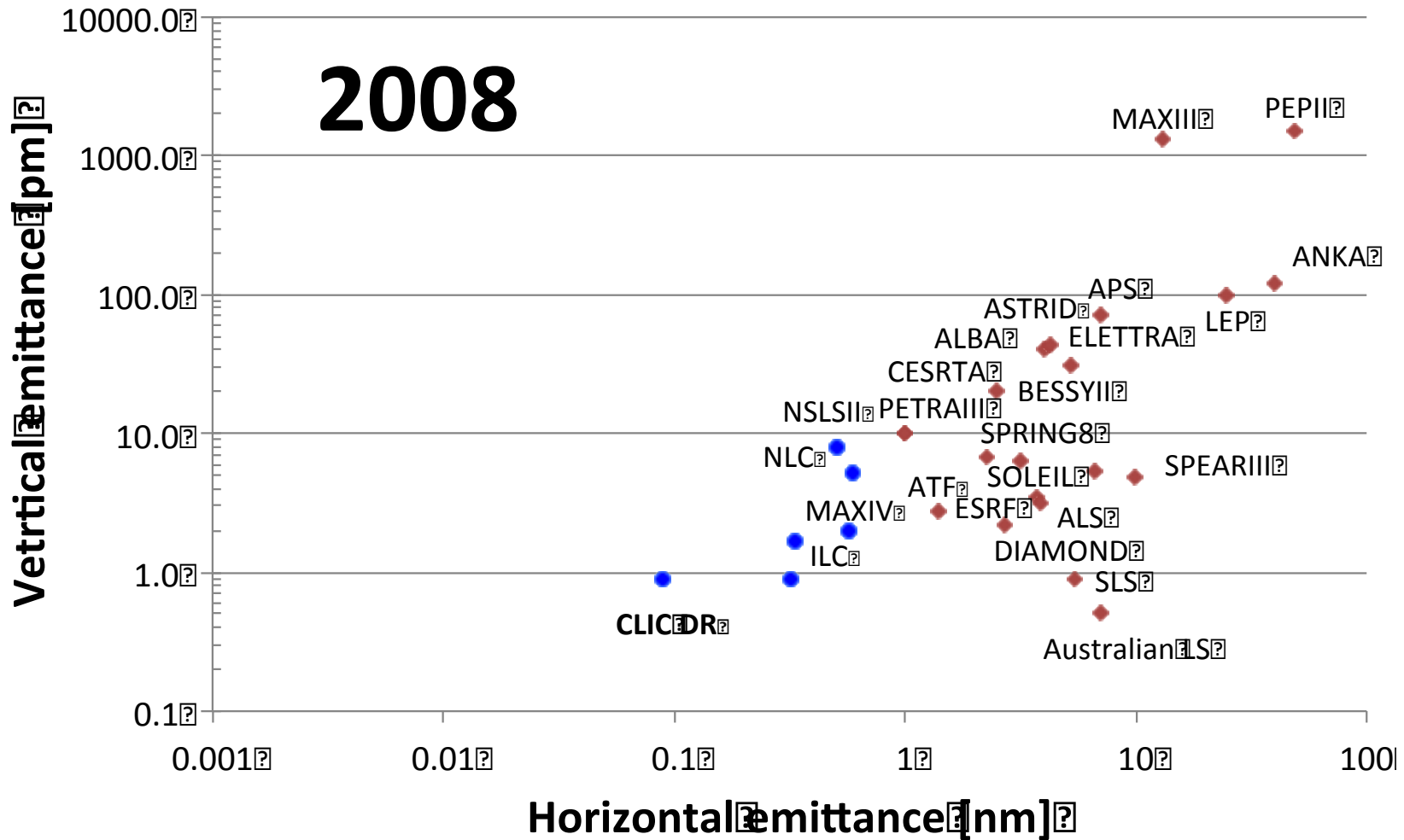
CERN, Geneva, 15-17 January 2018

Yannis PAPAPHILIPPOU, CERN

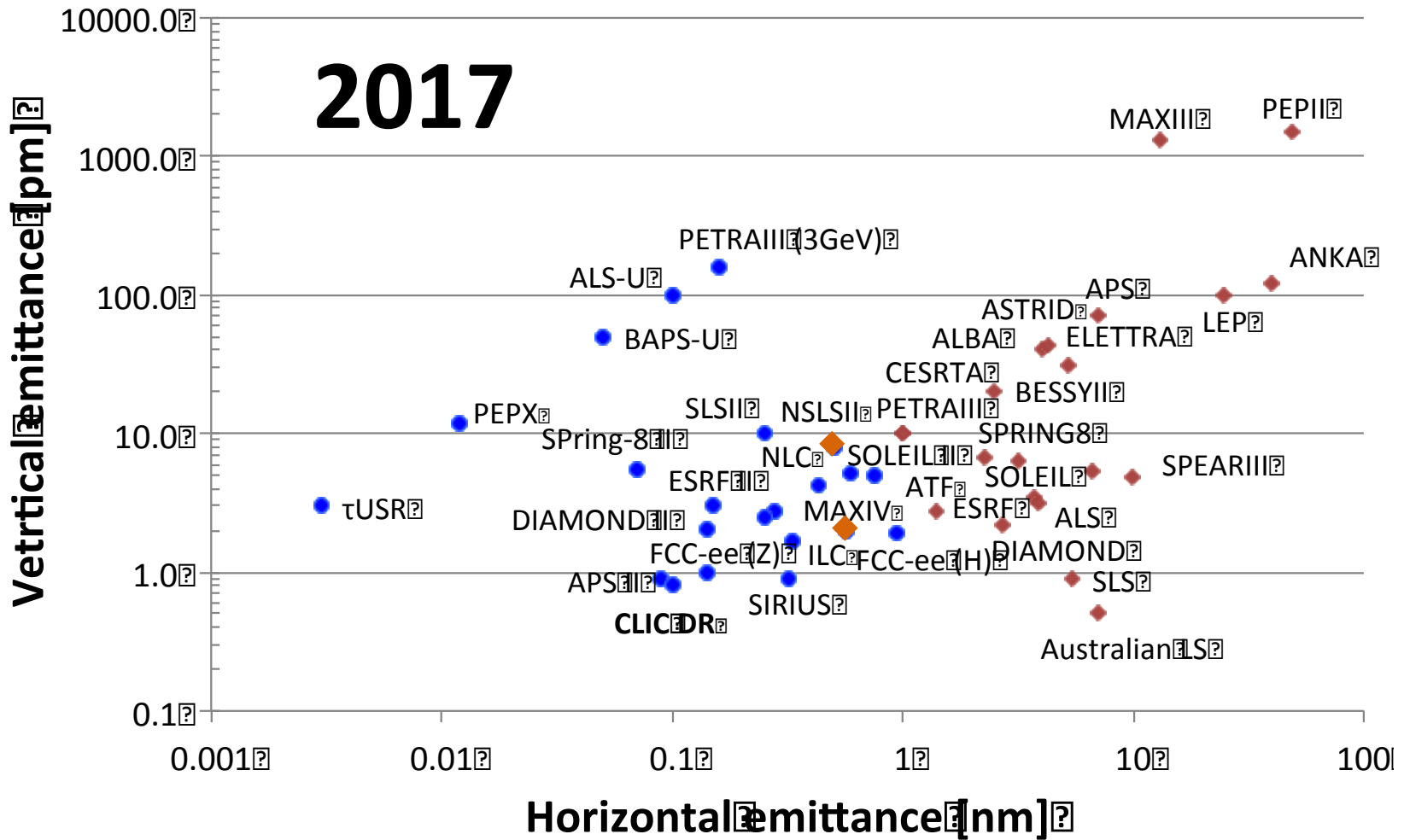
Low Emittance Rings workshop 2018

- Seventh general workshop of a series
 - CERN, Geneva, 01/2010
 - Heraklion, Crete, 10/2011
 - JAI, Oxford, 06/2013
 - INFN-LNF, Frascati, 09/2014
 - ESRF, Grenoble, 09/2015
 - Soleil, Paris, 10/2016
 - **CERN, Geneva, 01/2018**
- CLIC-ILC collaboration
- EUCARD2
- ARIES

Emittance targets



Emittance targets



Goals of LER 2018

- Discuss on scientific progress and foster collaborations among the Low Emittance Rings' community, as reflected on the ARIES-RULE WP tasks
 - Injection Systems
 - Beam dynamics and technology
 - Beam tests and commissioning

Workshop program

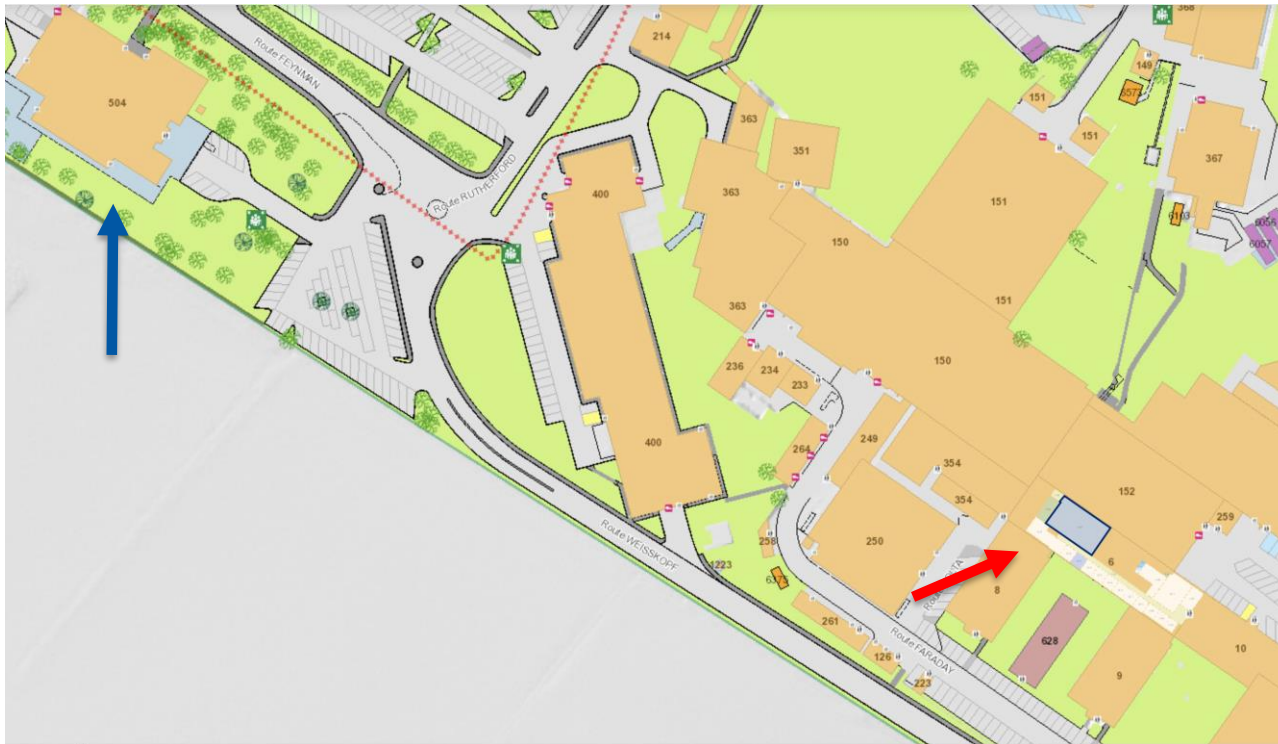
- Three full days, including sessions for
 - Low emittance rings **design** and **status** (Light sources, damping rings, e+/e- colliders)
 - Monday AM, Tuesday AM/PM, Wednesday AM/PM
 - **Collective effects** in low emittance rings
 - Monday PM
 - Low emittance rings **technology**
 - Tuesday PM, Wednesday AM
 - **Experimental tests** in low emittance rings
 - Tuesday PM
 - Workshop **summaries** and discussion
 - Wednesday PM
 - Session convenors are kindly asked to prepare 1-2 slides with key issues for each session to animate the discussion
- All speakers are kindly asked to upload their presentation slides in indico

CERN Wi-Fi network access

- If you are an “**eduroam**” user, simply connect to the “**eduroam**” Wi-Fi network.
- If you are not an eduroam user, connect to the Wi-Fi network named “**CERN**” and open a web browser.
- You will be redirected to the CERN registration portal where you will be guided step-by-step to **register your device**.
- If you do not have any CERN account, you will be asked for:
 - Your personal contact (name, email, etc...)
 - Visit detail (arrival/departure)
 - A CERN **contact person** (mark Yannis Papaphilippou, yannis@cern.ch). An email will be sent for approval and once this is done, your device will have full access to the CERN campus network and Internet.

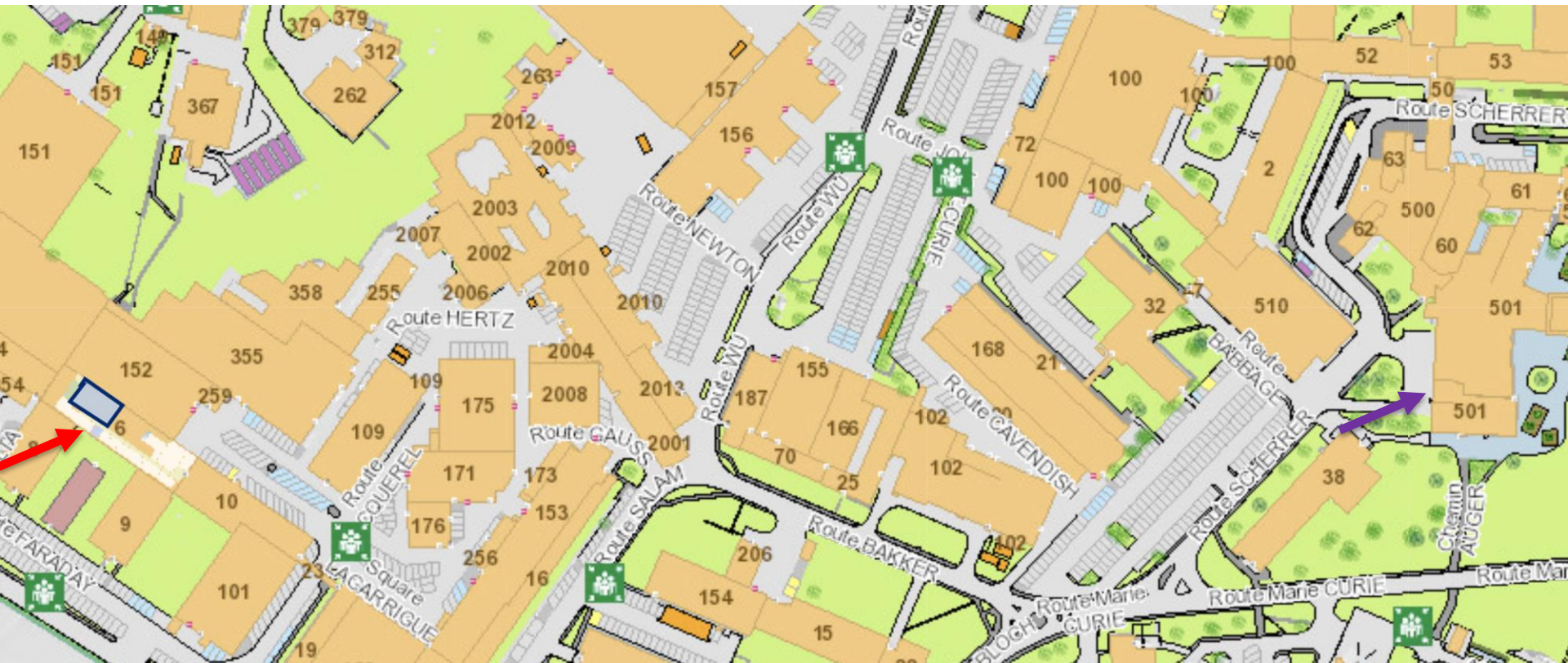
Organisational aspects

- Workshop location: BE Auditorium Meyrin (**6-2-024**)
- Coffees are served in the 1st floor
- Lunches can be taken in **restaurant 2** (tickets included)



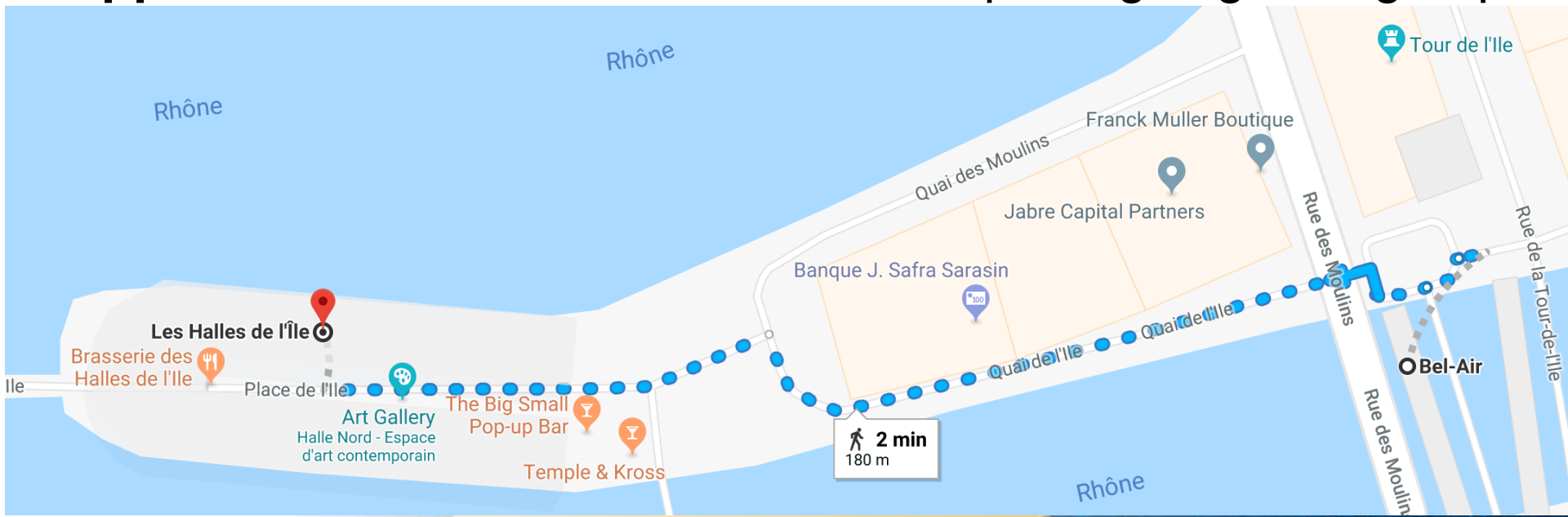
Social program

- Welcome drink offered on Monday at 19:00 in the Restaurant 1 Glassbox (**building 501**)



Social program

- Workshop dinner on Tuesday evening at 20:00 in “[Brasserie des Halles de l'île](#)”, 1 Place de l'île, Genève
- Directions: **Tram No18** from CERN to stop **Bel-Air** (~30min.) and 2 min. walk
- **Appointment at 19:00** at the CERN stop, for going as a group



For any questions...

- Contact the local organising committee
 - Yannis Papaphilippou (yannis@cern.ch)
 - Valerie Brunner (valerie.brunner@cern.ch)
 - Alessia Valenza (alessia.valenza@cern.ch)