



NuFact'11, 1st – 6th August'11



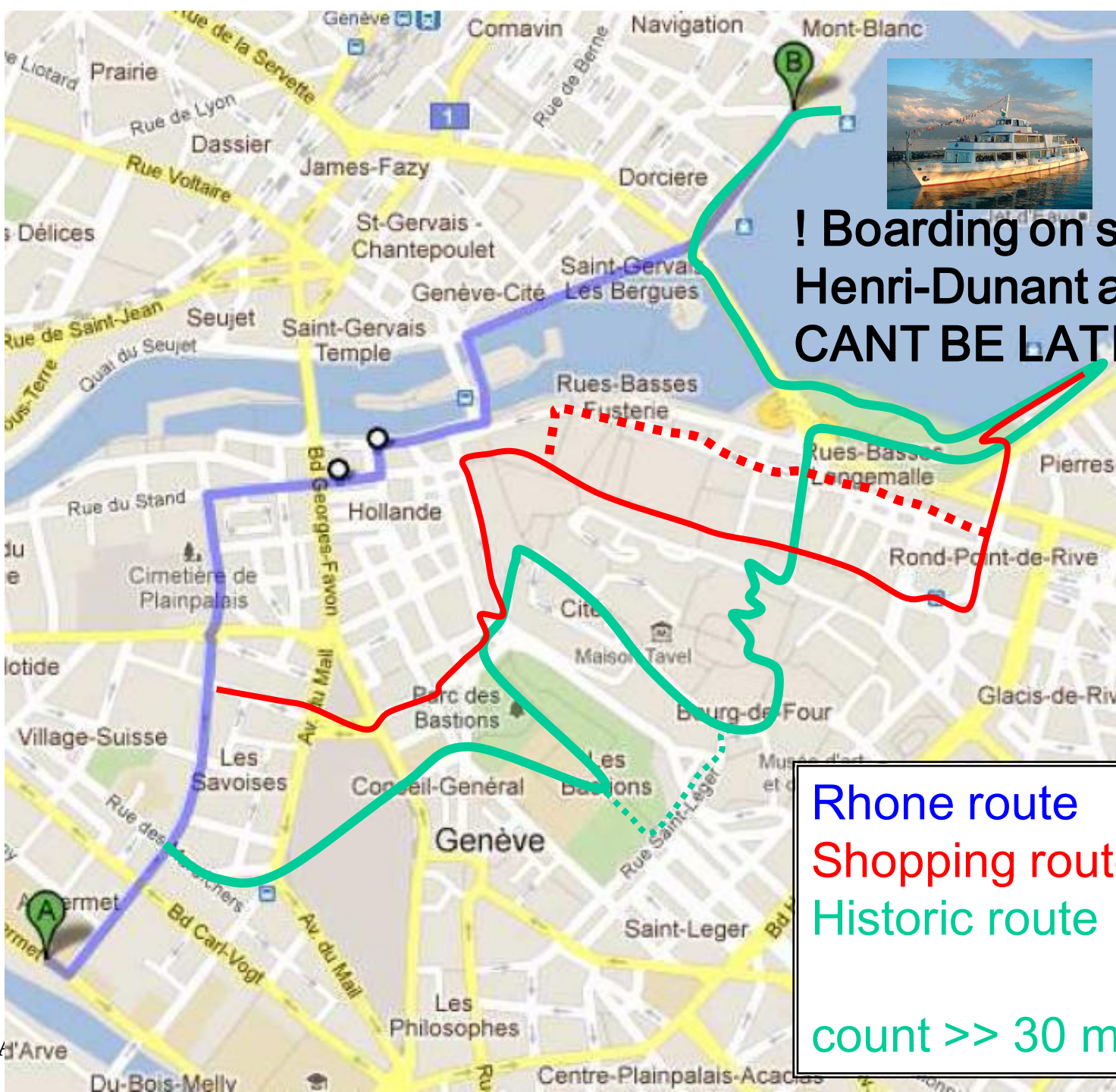
**UNIVERSITÉ
DE GENÈVE**

Social Dinner, Wednesday, 3rd August'11

Place: Débarcadère des Pâquis, Geneva (ref. on map of Geneva: 7 I)

Boarding on “Henry-Dunant” : 19h15





**! Boarding on ship
Henri-Dunant at 19:15
CANT BE LATE!**

Rhone route
Shopping route
Historic route
count >> 30 minutes



Bus 1 gets you here (monthoux)

more romantically
can take the 'mouettes'



**! Boarding on ship
Henri-Dunant at 19:15
CANT BE LATE !**



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NUFACT 11

XIIIth International Workshop on Neutrino Factories, Super beams and Beta beams

The NUFAC workshops on neutrino factories, beta-beam and superbeams, are now established as one of the important yearly neutrino conferences with emphasis on future projects. The main goal is to review the progress, and share the challenges, on the different studies of future neutrino oscillation facilities able to discover and study the mass hierarchy of neutrinos, CP violation in the leptonic sector and possible new phenomena. The workshops are original in that they combine the skills of experimenters, theorists and accelerator physicists.

- Dates:** 1st August'11 09:00 - 6th August'11 12:00
- Location:** Geneva, Switzerland
CERN, 1st, 5th and 6th Aug'11 (222-R-001)
UNIGE, 2nd -4th Aug'11
(DPNC - Main Auditorium/ [Location map](#))
- Registration:** Deadline: 24th June'11 - extended to July 3rd, 2011. STATUS: CLOSED
- Agenda:** .pdf final version

Round table discussion on Neutrino facilities in the global context

1 August 2011 at CERN

Questions from the panel to the NUFACT11 participants

have been posted to the Indico page at the round table entry 'questions from panel to nufact'



Also the
International Neutrino Summer School
Geneva 18–30 July 2011

dpnc.unige.ch/NeutrinoSummerSchool2011



Sergio Bertolucci:

I hear that international collaboration on coordinated R&D is lacking. Could the community propose a realistic plan for common and staged neutrino R&D?

Sachio Komamiya:

Physics question: θ_{13} & δ are similar to V_{ub} and CP phase in the quark sector. In heavy flavors, angles are not really the interesting thing – CP violation there is found to be insufficient to generate Baryogenesis. How about neutrinos? We know about lepto-genesis, is there further fundamental physics in neutrinos beyond the numerical values of the angle and phase?

Steve Myers:

As an accelerator physicist, there are too many options – we need to kill some to make progress. Need to make a choice, define the next steps, define critical R&D and move on. What is it that the community really wants to build?

Tatsuya Nakada :

In the incremental approach, where does a Betabeam fit? This question is in regard both to the physics case and the R&D needs.

Koichiro Nishikawa:

In the near term, the international framework should be bottom up and not top down? At what point should an international framework be forced from the top?

Jim Strait:

If you didn't have a neutrino factory, how precise a measurement of parameters can be done with superbeams before reaching their limitations? What "external" measurements, e.g. particle production, neutrino cross sections, etc., can be done to improve the current systematic error limits on superbeam experiments, and what are the ultimately limiting systematic errors?

John Womersley:

Do I need to worry whether neutrino and antineutrino oscillation parameters are the same, or worry about the LSND anomaly?

Do neutrinos play a role in dark matter, especially if there is no light neutralino?

Since STFC and funding agencies from other countries in Europe, the US, and Japan are investing substantially in MICE, please consider, given the new indications that θ_{13} may be large, the importance of continuing to support R&D for the Neutrino Factory (and ionization cooling in particular).