



9-10 DECEMBER 2014 **THE LANDSCAPE OF FLAVOUR PHYSICS TOWARDS THE HIGH INTENSITY ERA**

Sala Azzurra
Palazzo della Carovana
Scuola Normale Superiore
Piazza dei Cavalieri, 7
Pisa - ITALY

The current state-of-the-art of flavour physics will be reviewed, with an emphasis on the interplay between experimental results and theory. Topics will include beauty, charm, and kaon physics and lepton flavour violation. There will be sessions devoted to future developments, both in the medium term and long term, as seen from the experimental and theoretical viewpoints. The focus of the workshop is to survey the landscape of flavour physics over the next decade and beyond.

The Local Organizing Committee:

Riccardo Cenci | SNS & INFN Pisa
Giampiero Mancinelli | CPPM Marseille
Michael J. Morello | SNS & INFN Pisa
Giovanni Punzi | Università & INFN Pisa
John Walsh | INFN Pisa

The Scientific Committee:

Elie Aslanides | CPPM Marseille
Concezio Bozzi | INFN Ferrara
Giampiero Mancinelli | CPPM Marseille
Clara Matteuzzi | University & INFN Milano Bicocca
Daniele Pedrini | INFN Milano Bicocca

Giovanni Punzi | University & INFN Pisa
Marie-Helene Schune | LAL Orsay
Achille Stocchi | LAL Orsay
Luca Trentadue | University of Parma



Information:
Cultural Activities
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For more information:
<http://agenda.infn.it/event/FlavourPhysics-HighIntensityPisa2014>



SCUOLA
NORMALE
SUPERIORE

The Scuola Normale of Pisa was formally founded on the 18th of October, 1810 by a **Napoleonic decree** which dealt with “places of public instruction” in Tuscany, a province of the French empire since 1807.

Twenty-five places, publicly funded, were reserved for students in the humanities and sciences to form a subsidiary of Paris' *École Normale Supérieure*. The new institution was closely linked to its parent institution in Paris. The shared name “*normale*” refers to the mission of the school, which was to train middle and high school teachers able to convey “norms” in a context where training teachers was still strongly connected to “forming” citizens loyal to the laws and the emperor.

The Scuola Normale Superiore nowadays is an elite school with an egalitarian basis that awards merit, talent and the potentialities of its students independently from their social origins and their previous studies. **The aim of the Scuola is the formation of scholars, professionals and citizens with a wide cultural background and with a strong critical attitude.**

Timetable

TUESDAY, 9 DECEMBER 2014

Morning Session (Sala Azzurra)

09:00 Welcome

CURRENT STATUS OF FLAVOUR PHYSICS

09:15 **GIULIA RICCIARDI**, Università & INFN Napoli, IT
Status of CKM Paradigm

09:45 **TOBIAS HURTH**, Max Planck Inst., Munich, DE
Rare B Decays

10:15 **CHRISTOPH BOBETH**, TUM-IAS, Munich, DE
B Mixing

10:45 Coffee Break

11:15 **JURE ZUPAN**, University of Cincinnati, USA
Charm Physics

11:45 **EMILIE PASSEMAR**, Los Alamos Natl. Lab., USA
Lepton Flavour Physics

12:30 Lunch Break (Palazzo D'Ancona Cafeteria, around the corner)

Afternoon Session (Sala Azzurra)

EXPERIMENTAL STATUS AND NEAR-TERM PROSPECTS

14:00 **GUGLIELMO DE NARDO**, Università & INFN Napoli, IT
Status and Prospects of Belle II experiment

14:30 **MARCO MAGGIORA**, Università & INFN Torino, IT
Status and Prospects of BES III experiment

15:00 **GAIA LANFRANCHI**, INFN Lab. Naz. Frascati, IT
LHCb Upgrade: Physics Prospects

15:30 Coffee Break

16:00 **ALESSANDRO CARDINI**, INFN Cagliari, IT
LHCb Upgrade: Detector Strategies

16:30 **ALEXIS POMPILI**, Università & INFN Bari, IT
Status and Prospects of CMS experiment

17:00 **SANDRO PALESTINI**, CERN, CH
Status and Prospects of ATLAS experiment

17:30 **AUGUSTO CECCUCCI**, CERN, CH
Kaon Experiments

19:30 Social Dinner at Restaurant Poldino (outside Pisa, transfer by bus)

WEDNESDAY, 10 DECEMBER 2014

Morning Session (Aula Bianchi)

LONGER TERM EXPERIMENTAL EVOLUTIONS

09:00 **GIOVANNI SIGNORELLI**, INFN Pisa, IT
LFV in mu decays

09:30 **MARIO GALANTI**, Università & INFN Padova, IT
Overview of CMS Phase 2 Program

10:00 Coffee Break

10:30 **ALESSANDRO CERRI**, University of Sussex, UK
Overview of ATLAS Phase 2 Program

11:00 **STEPHANE MONTEIL**, University Blaise Pascal, Clermont-Ferrand, FR
Leptonic and Hadronic Flavour Physics Potential at the FCC-ee

11:30 **VINCENZO M. VAGNONI**, INFN Bologna, IT
An Extreme Flavour Experiment in the Future

12:30 Lunch Break (Palazzo D'Ancona Cafeteria, around the corner)

Afternoon Session (Sala Bianchi)

QUARK AND LEPTON FLAVOUR PHYSICS IN THE LONG TERM

14:00 **FRANCESCO SANFILIPPO**, University of Southampton, UK
Future of Lattice QCD

14:30 **FULVIA DE FAZIO**, INFN Bari, IT
Quark Flavour Observables

15:00 **AYAN PAUL**, INFN Roma1, IT
Charm of Future

15:30 Coffee Break

16:00 **GIANCARLO D'AMBROSIO**, INFN Napoli, IT
The Future of Kaon Physics


16:30 **LUCA SILVESTRINI**, INFN Roma1, IT
Impact of Future Experimental Scenarios on Flavour Physics


17:00 Closing


Important Info




Material

Brochure 

Important Information 

Other Info 

Poster 

Click here for any further info or question riccardo.cenci@pi.infn.it, michael.morello@pi.infn.it

[Go to day](#) ▾

Tuesday, 9 December 2014

- 09:00 - 09:15 Welcome 15' (Palazzo della Carovana, Scuola Normale Superiore, Pisa (Sala Azzurra))
- 09:15 - 12:30 Current Status of Flavour Physics
Location: Palazzo della Carovana, Scuola Normale Superiore, Pisa (Sala Azzurra)
- 09:15 **Status of CKM Paradigm 25'**
Speaker: Giulia Ricciardi (NA)

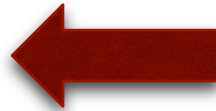
Important information for the meeting

WiFi Internet Access

Option 1: SNS wifi service

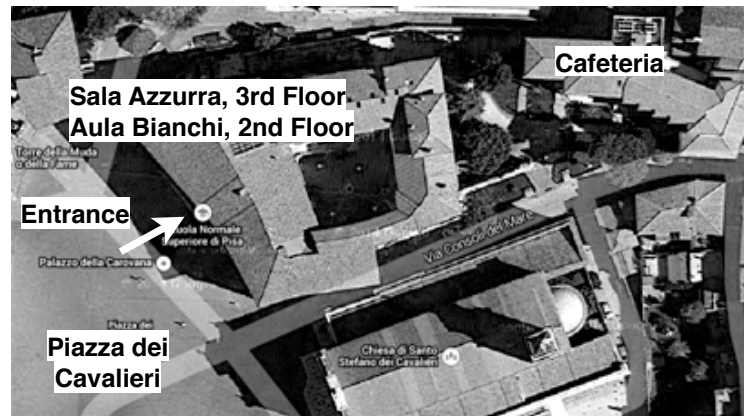
SSID: **SNS-meeting**

Password: **meeting 9**



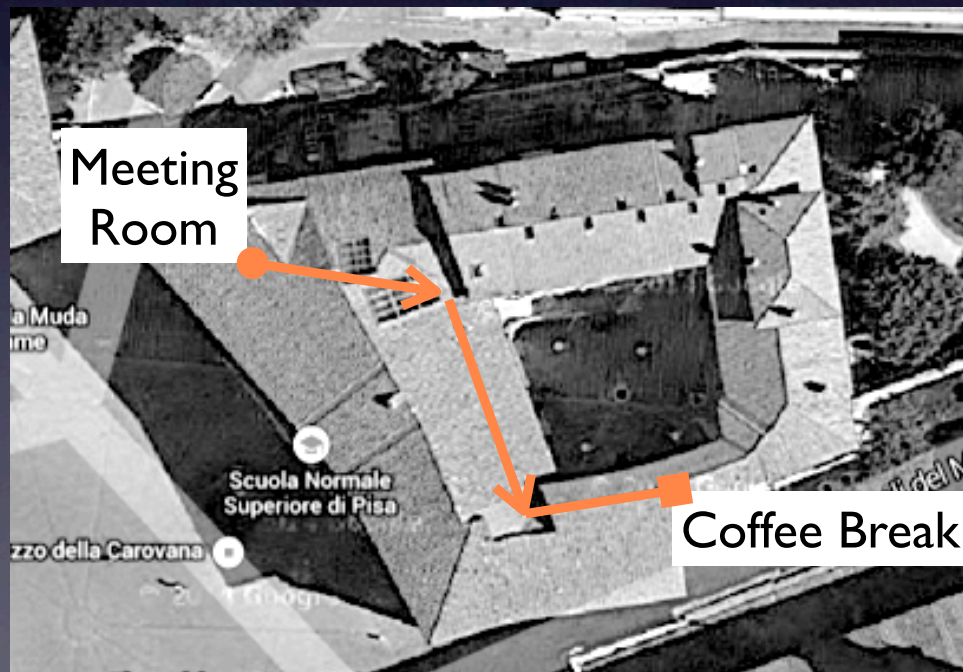
Option 2: **eduroam** (using your credentials, if you have already access to this network)

- All the sessions will be held in **Palazzo della Carovana** (Piazza dei Cavalieri 7, Knights' Square) the main building of Scuola Normale
- Sessions on **Tuesday Dec 9th** will be in **Sala Azzurra** room
- Sessions on **Wednesday Dec 10th** will be in **Aula Bianchi** room
- Lunches will be served in **Scuola Normale Cafeteria** right after the end of the morning session. The cafeteria is located in **Palazzo D'Ancona**, Via Consoli del Mare, right around the corner from Palazzo della Carovana
- The **social dinner** will be held at a restaurant just outside Pisa. A bus will pick us up nearby Piazza dei Cavalieri and bring us back later



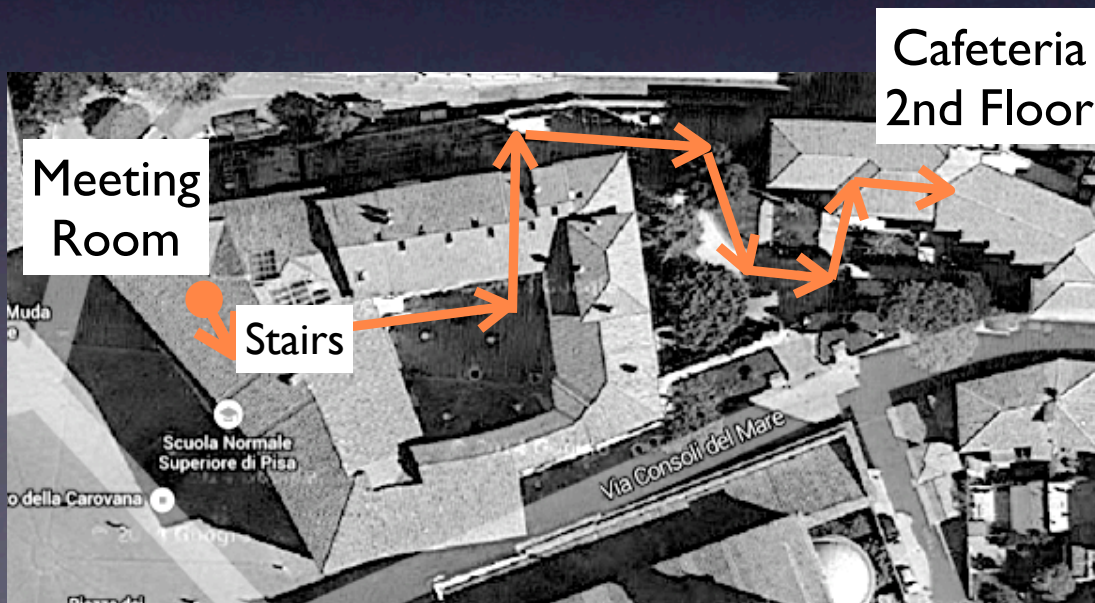
Instructions for coffee break

- The coffee break will be served on the 3rd floor (same floor of Sala Azzurra) on the south side of the building



Instructions for lunch

- Cafeteria is in the building behind (see map)
- Take the stairs down to 1st floor, exit in the courtyard, go through the 1st door on the left, go through the garden
- Tables are reserved for us on the 2nd floor
- **Please remember to bring your personal code**



- At the turnstile (tornello):
 - Press OK
 - Enter Badge #
 - Press OK
 - Enter PIN #
 - Press OK
 - Take the receipt and enter

Instructions for dinner

- Meeting in Piazza dei Cavalieri outside the building at **7pm**
- Walk to a parking lot to catch the bus (we are going to pass by the Leaning Tower)
- Bus is leaving at **7.30pm**, you can also come directly to the parking lot (see map)
- Bus is coming back right after dinner

