

WIT2012

2nd Workshop on Intelligent Trackers

Pisa, 3 - 5 May 2012

International Organizing Committee:

P. Allport, University of Liverpool
A. Annovi, INFN-LNF
M. Artuso, Syracuse University
R. Brenner, Uppsala University
M. Garcia-Sciveres, LBNL
C. Haber, LBNL
G. Hall, Imperial College, London
A. Marchioro, CERN
F. Palla, INFN Pisa

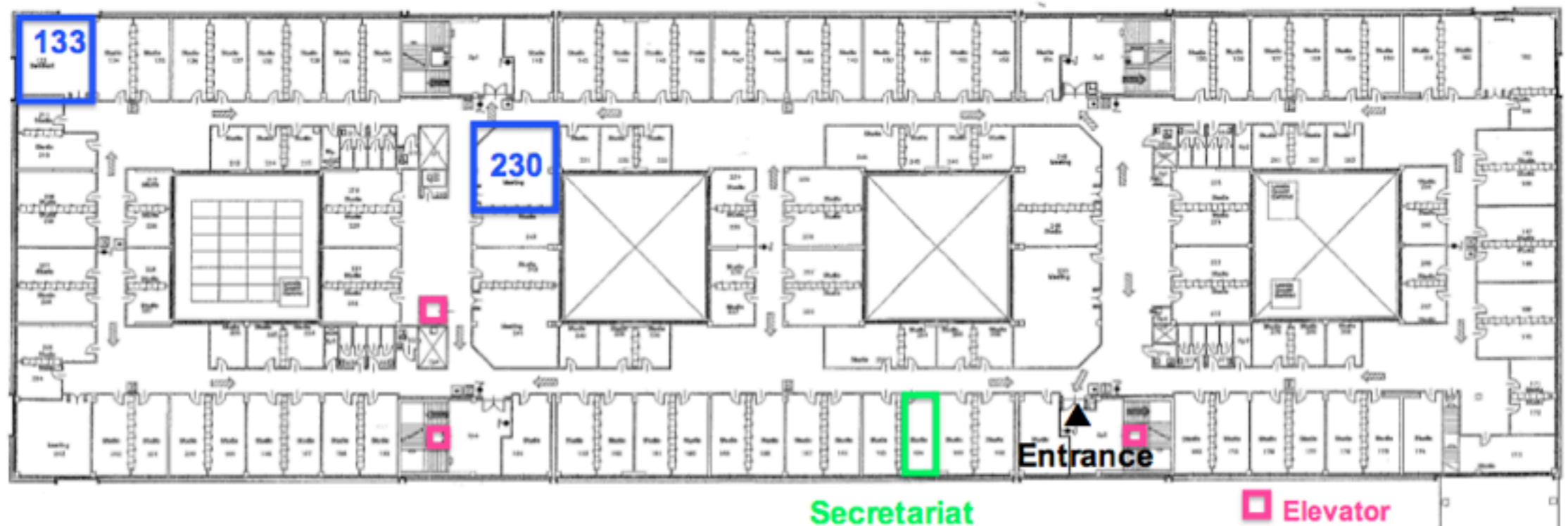
Local Organizing Committee:

A. Annovi, R. Dell'Orso, F. Ligabue,
L. Lilli, A. Messineo, F. Palla



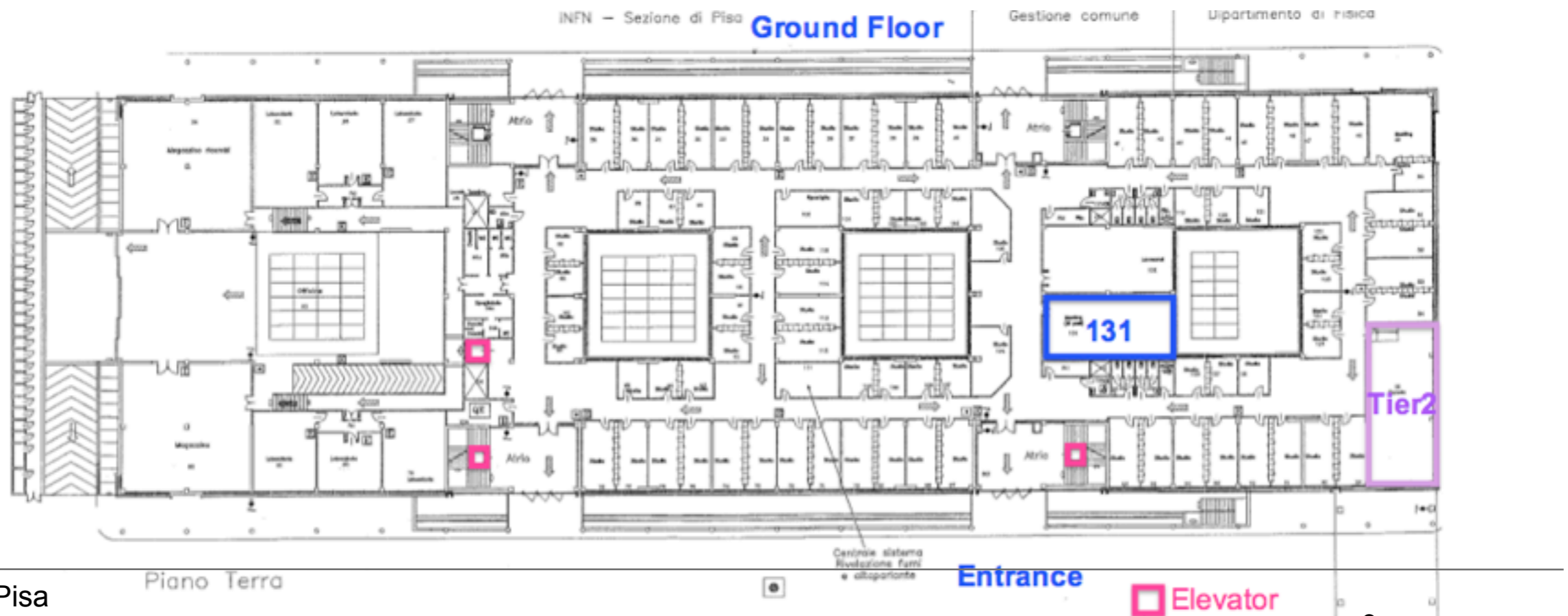
- **For support for administrative issues**
 - ♦ Mrs. Lucia Lilli (Lucia.Lilli@pi.infn.it) Phone +39 050 2214 327
 - ♦ Office @ 1st floor (see map)

First Floor.



- **Always wear your badge**
 - ♦ Entrance gate opened until 9 pm on May 3rd and 4th
 - Closes at 2 pm on Saturday!
- **Wireless “INFN-Web”**
 - ♦ use your credentials given at registration

- Meeting room 131 ground floor
- Coffee breaks underground (-2)
 - ♦ Access through staircase close to the entrance hall
 - ♦ Poster exhibition during coffee breaks





Visits to facilities and labs



- **Possible between 2 and 2:30 pm (just before sessions start) or coffee breaks**
 - ♦ **Bonding labs**
 - **CMS**
 - **GLAST/FERMI**
 - **SuperB**
 - ♦ **Thermal-Fluid dynamics Lab**
 - ♦ **VIRGO Results**

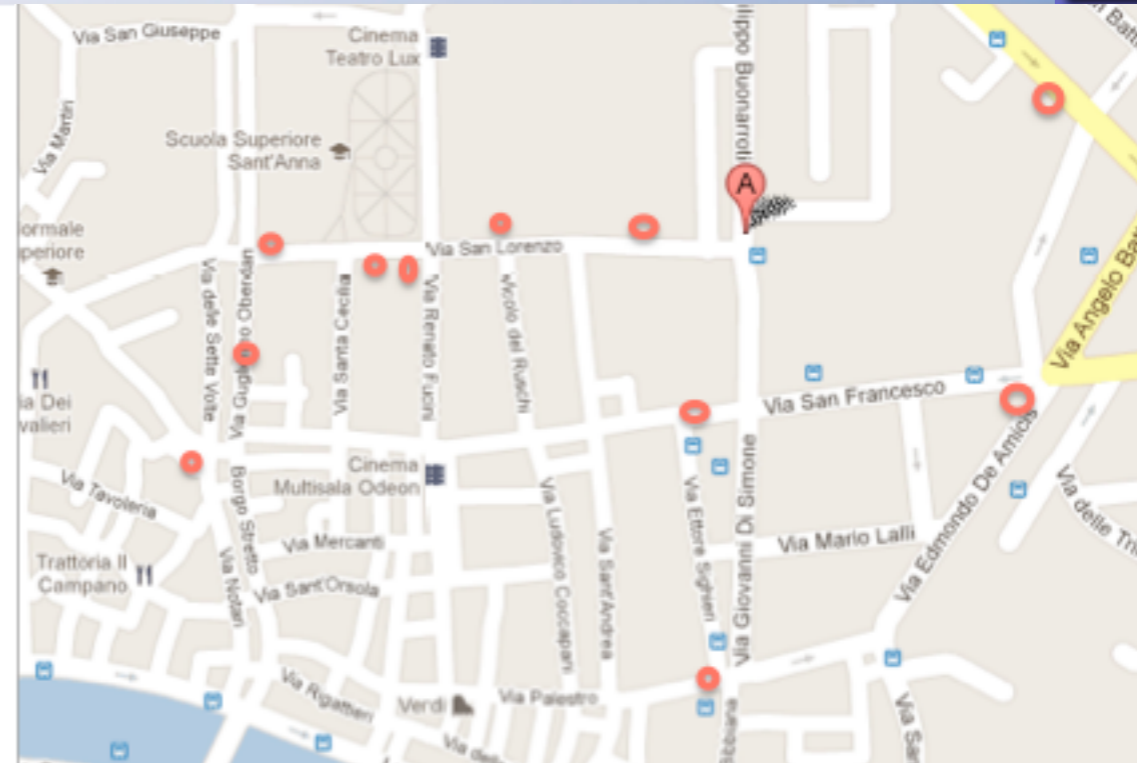
- ♦ **Please contact Alberto Messineo (Alberto.Messineo@pi.infn.it) and subscribe at registration desk**
 - **Only for Thursday May 3rd and Friday May 4th**



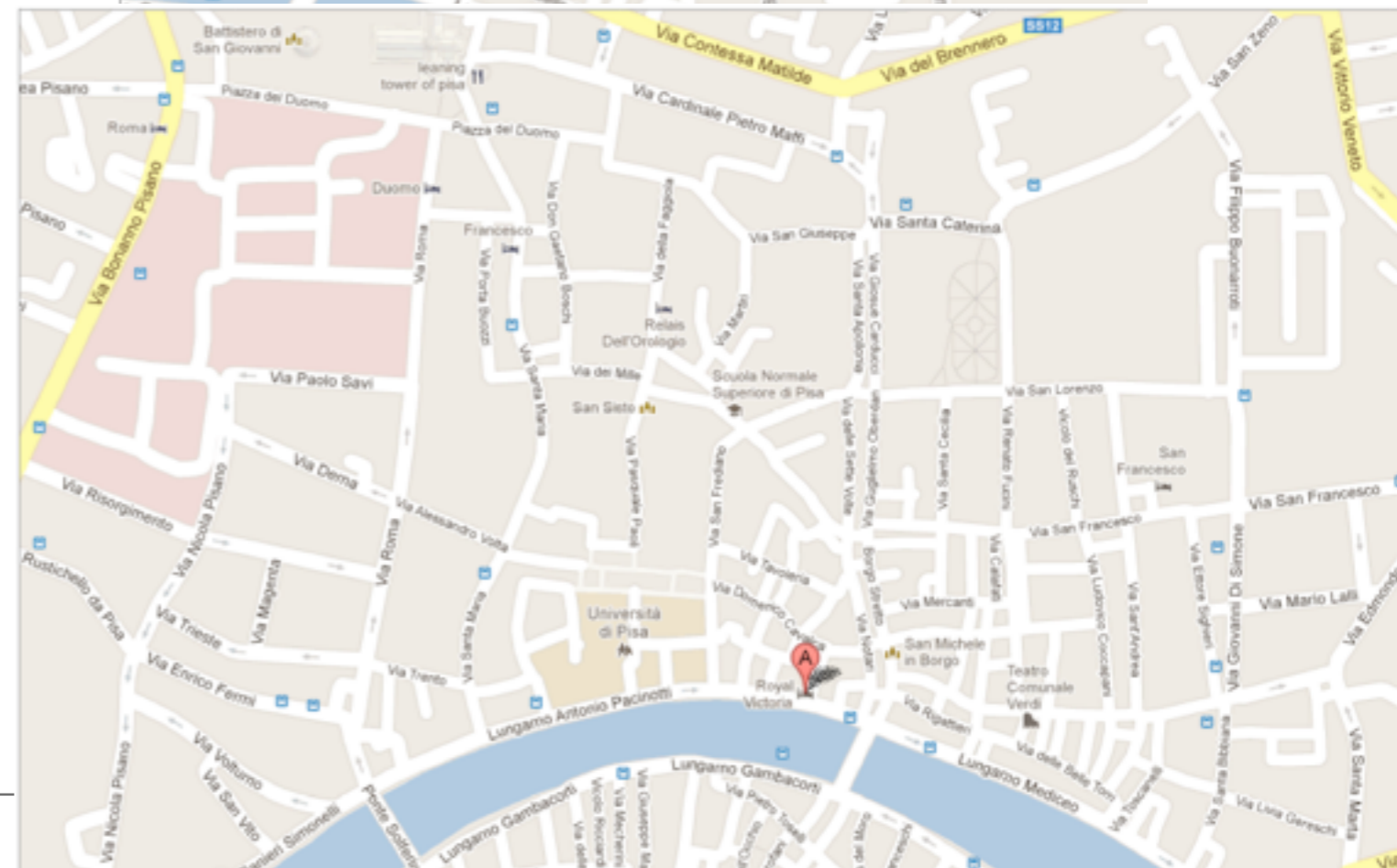
Lunches and Social Dinner

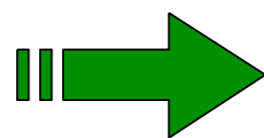


- **Lunch breaks from 1 pm to 2:30 pm.**
 - ♦ On your own. There are many bars and pizzerie/restaurants around (even if the latter will take you too much time)
 - ♦ Try to profit of the break for visiting Lab facilities and discuss with people



- **Social Dinner May 4th at 8 pm**
 - ♦ Royal Victoria Hotel
 - ♦ Informal dress





OPEN ACCESS

Just like LHC Reports,
also **WIT2012** contributions will be published
Open Access



Any interested reader can **read** and download the proceedings

Free of charge

Without registration

info

ISSN 1748-0221

for assistance: E-mail the Editorial Office

*A journal by scientists for
scientists*

mick mcelroy

LOGOUT

JINST is also available as **Open
Access**

jinst

Readers

- | this month's papers and technical reports (Open Access)
- | browse JINST-TRAINING
- | **standard search** | search for papers and technical reports in the JINST-TRAINING archive
- | instrumentation theses archive
- | instrumentation events calendar
- | useful links
- | subscription information

jinst

Submit

- | submit a technical report
- | submit a paper
- | **submit a proceedings contribution**
- | submit your theses
- | submission FAQ

jinst

Workarea

- | modify my personal data
- | my Author pages (corresponding author)

PREPARE YOUR CONTRIBUTION

MS Word - **LaTeX**

(see complete instructions in the link “for authors”, on the top of the JINST home page)

SUBMIT YOUR CONTRIBUTION

When your contribution is ready for submission,

1. Connect to **<http://jinst.sissa.it>** register and login.
2. In the “Submit” section, click on **“submit a proceedings contribution”** (see in the screenshot).



Jinst Author

Cristiana Prever [HOME](#) [LOGOUT](#)

Submit your contribution to

WIT2012: workshop on intelligent trackers - WIT2012

With the increasing capabilities of microelectronic technology, future particle detectors will be able to yield high level features that are not only simple geometrical positions or energy measurements in the sensors used. The ability to compute such high level primitives in near real-time is what we characterize as "intelligence". This will enable the construction of detectors with novel functionalities, allowing the trigger logic or even the off-line analysis in experiments to handle immediately more complex features of the measurements. Two examples of new primitives are near real-time charged particle direction or charge clusters without pixel boundary effects. But the addition of such intelligence has practical challenges and in particular system issues must be addressed, such as material budget and power density. This Workshop would provide a discussion forum for the community of scientists and engineers working on development of intelligent devices. The objectives of the workshop will be to enhance the cross breeding of ideas, to compare concepts for incorporating intelligence in particle trackers, and to explore possibilities for application to other areas.

[submit a paper](#) [submit a technical report](#)

Copyright © SISSA - Trieste (Italy) - 2006-2012

3. **Select the WIT2012 conference** from the list (see in the screenshot).

4. Follow the step-by-step **submission** procedure.

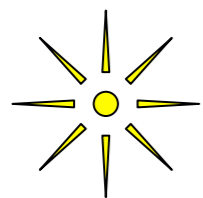
Complete instructions are available in the section "**For Authors**", at the top of the JINST home page.

DEADLINES

AND

CONTACTS

- ⇒ **Submission deadline: June 10, 2012**
- ⇒ **Contributions maximum length: 7 pages**
- ⇒ **For information and assistance, please contact the organisers
(Fabrizio.Palla@cern.ch).**
- ⇒ **For technical matters, please contact the JINST Editorial Office (jinst-eo@jinst.sissa.it).**



We hope you enjoy the **WIT2012** conference!

