

# Congratulations!







Trains from Trieste Centrale  
and from  
Trieste Miramare!

Venezia Santa Lucia (not Mestre)

<http://www.trenitalia.com/>





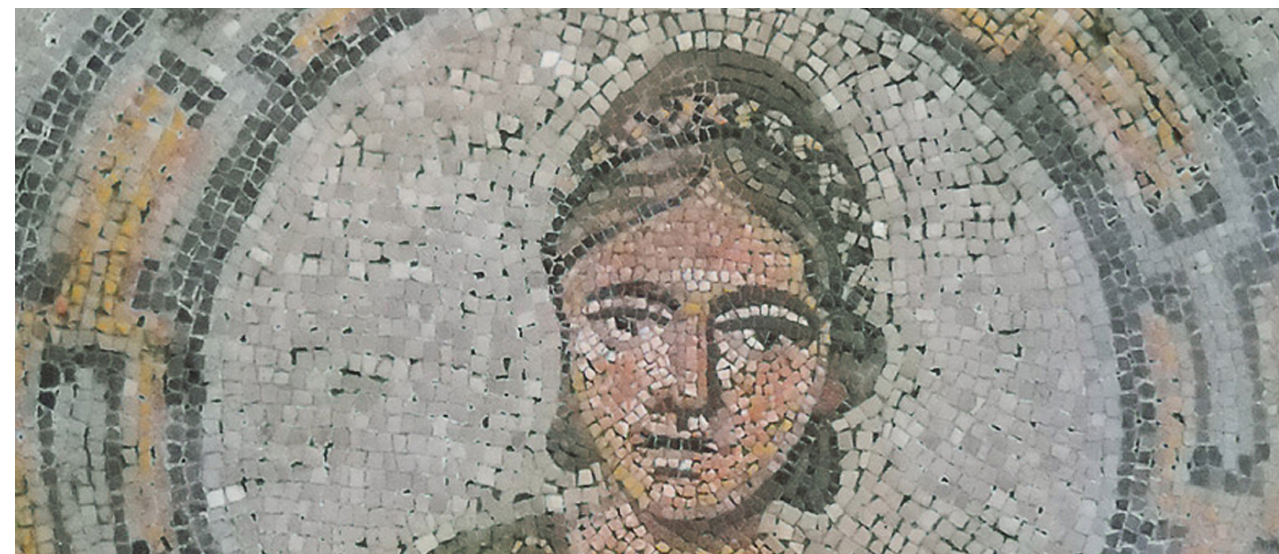
Trieste  
Castello di San Giusto  
Castello di Miramare  
Vittoria Lighthouse  
Giant Cave





Grado  
Sandy beach  
Roman Cathedral  
Train to Cervignano





Aquileia  
Roman port  
Basilica

Train to Cervignano





Slovenia  
Ljubljana  
Basilica

[www.flixbus.com](http://www.flixbus.com)  
[www.autostazionetrieste.it/](http://www.autostazionetrieste.it/)

# Case Studies

Wednesday May 9

Thursday May 10

Friday May 11

7 hours in total

10-15 minutes

Current research

Ideas

Projects

Discussion

## Participants supported by **SigComm**

WORKSHOP ON OPEN SOURCE SOLUTIONS FOR THE INTERNET OF THINGS

### Abstracts

#### **An energy efficient communications for P2P mobile network over MANET**

*Balu Deokate, India*

- Nowadays people are using mobile phones for communications. These communications are based on cellular and Wi-Fi networks. But still there is no cellular network connectivity in most of the remote locations of India and Africa. In these kind of scenarios, we can create a mobile ad-hoc network for communications. Mobile devices are weak devices from basic resources point of view. So to provide energy efficient communications in remote area, we are going to optimize the communication stack by reducing communication overhead of network and application layer routing. An optimized communication stack will be used to provide a services like messaging and voice calling in the remote locations.

#### **Information Access for Development - Designing Innovative ICT4D Systems for the Developing World. Case Study - Mr. Meteo**

*Francis Dittoh, Ghana*

- The onset of global warming and climate change in recent years has brought about changes in weather patterns in rural Africa just as everywhere else. Rural farmers, who previously utilized traditional methods of determining climatic conditions and the appropriate time to carry out corresponding farming practices now find it difficult to rely on these methods. Mr. Meteo is aimed at reducing the lack of knowledge of climatic conditions within farmers in rural areas. The system will, using available sources, provide weather information and weather forecasts in local languages to rural areas by way of voice technologies. Using a combination of technologies including PlugPC (Raspberry Pi) and Interactive Voice Response (IVR) over GSM (Coded with VXML) coupled with Short Message Service (SMS) and Radio Data System (RDS) for data transfer, the use case provides a cost-efficient and sustainable system for providing rural communities with access to relevant and specific information that can be deployed and maintained by Non-Governmental



Send me the abstract of your  
Case Study  
by **Wednesday May 2nd!**

[mzennaro@ictp.it](mailto:mzennaro@ictp.it)



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On Monday at 8:59 sharp!