

University of Padova, Dept. of Information Engineering

2016 Summer School of Information Engineering,

Technologies for Internet of Things



Bressanone (BZ), Italy

July 3 – 9, 2016

the co-Directors

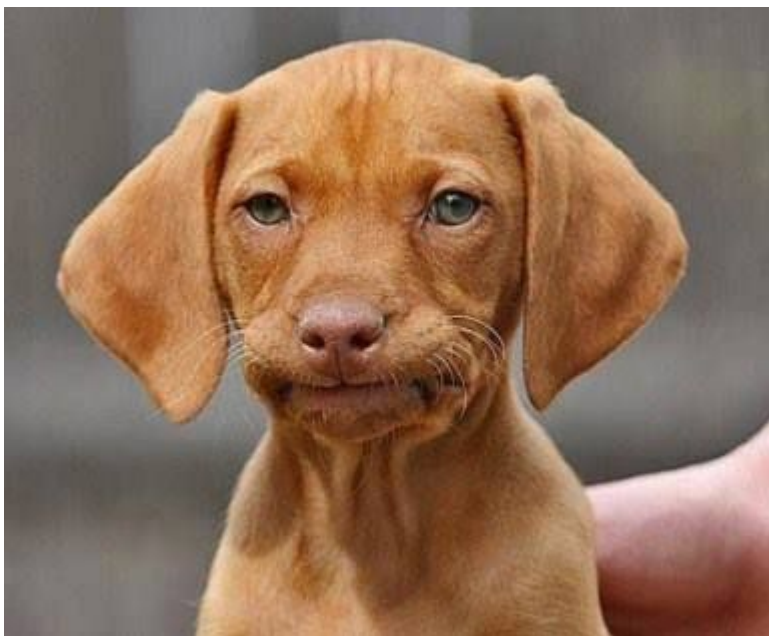
prof. Silvano Pupolin, pupolin@dei.unipd.it

prof. Gaudenzio Meneghesso, gauss@dei.unipd.it



Last week I was looking
at the weather forecast
in Bressanone

and I have been
very disappointed



TIM

07:47

91%

Indietro

Bressanone

Previsioni di 10 giorni

90 %

SSE 10 km/h

15°

VEN 1

Possibili rovesci

27°

>

40 %

SSE 11 km/h

17°

SAB 2

Possibili rovesci

28°

>

40 %

SE 10 km/h

17°

DOM 3

Possibili rovesci

27°

>

30 %

ESE 11 km/h

17°

LUN 4

Temporali

27°

>

80 %

SSE 8 km/h

17°

MAR 5

Temporali

28°

>

80 %

SE 10 km/h

17°

MER 6

Temporali

25°

>

80 %

SSE 8 km/h

16°

GIO 7

Temporali

25°

>

80 %

NE 8 km/h

14°

However, very luckily
the weather forecast
has largely improved

Bmeteo

lun 04



15° 29°

mar 05



16° 26°

mer 06



15° 26°

gio 07



13° 29°

ven 08



16° 26°

sab 09



17° 34°

il
Meteo



Bressanone

Lun 4



15° 28°

Mar 5



18° 29°

Mer 6



16° 29°

Gio 7



15° 30°

Ven 8



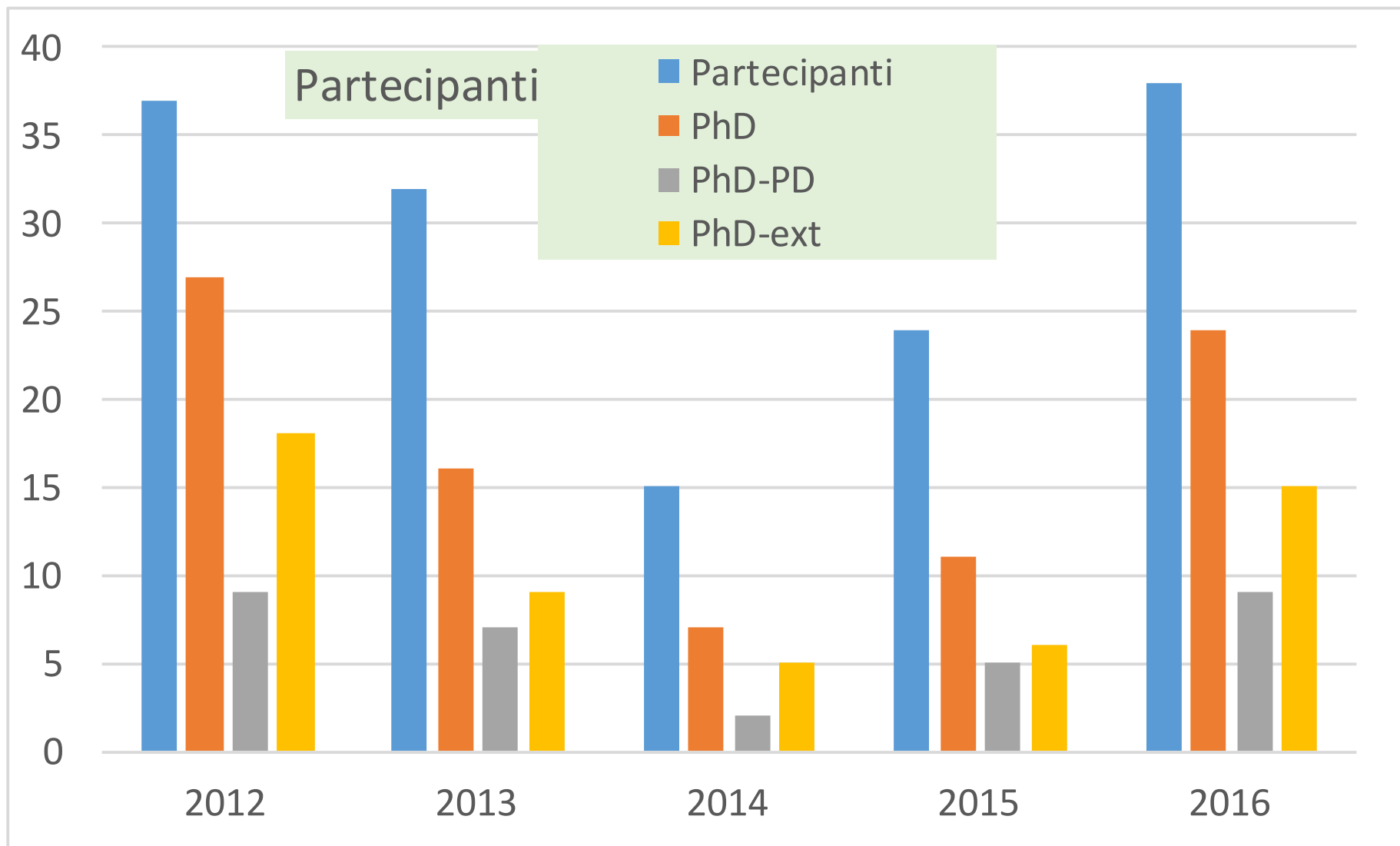
18° 30°

Sab 9



16° 32°

SSIE Participation



Monday 4/7

9:00 -9:20

Gaudenzio Meneghesso, SSIE Introduction

9:20 – 11:00

Lorenzo Vangelista, *Department of Information Engineering, University Padova* , “LoRaWAN (Long Range Wide Area Network)”

11:00 – 13:00

Nicola Laurenti, *Department of Information Engineering, University Padova* “Security aspects and technologies in the IoT”

Free Afternoon

Tuesday 5/7

9:00 – 13:00

Paweł Malinowski; *IMEC, Belgium*; “Large Area Electronics – Or Magical Plastic Foils”

14:30 – 17:00

PhD students Presentations

Wednesday 6/7

9:00 – 13:00

Dominique Morche, *Laboratoire d'électronique des technologies de l'information CEA LETI, France*, “Low power and ultra narrow band communication system (SigFox network)”

14:30 – 16:30

Paolo Dini, *Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Spain*, “Sustainable Mobile Networks: the SCAVENGE vision”

17:00 – 18:30

PhD students Presentations

Thursday 7/7

9:00 – 11:00

Stefan Dulman, *Centrum Wiskunde & Informatica (CWI), the Nederland* “Data science meets embedded systems”

11:00 – 13:00

Nicola Bui, *IMDEA Networks Institute, Spain*, “Self-Sufficient Sensor Networks: from Energy Profiling to Optimal Sustainable Performance”

Free Afternoon

19:30 – 22:00

Social Dinner

Friday 8/7

9:00 – 11:00

Djamel Djenouri *Centre De Recherche Sur L'information Scientifique Et Technique (CERIST), Algiers*, “Time Synchronization in Wireless Sensor Networks: Concepts and Research Trends”

11:00 – 13:00

Michele Rossi, *Department of Information Engineering – University of Padua*, “Data mining in the IoT era: practical examples and a peek into future developments”

13:00 – 13:10

SSIE Closing, (Gaudenzio Meneghesso, Silvano Pupolin)

To get the 2 ECTS:

Thesis work (6-8 pages) on one discussed topics

PhD Students Presentations

Tuesday 5/7 - 14:30 – 17:00 PhD students Presentations

N.	Surname	Nome	Affiliation	Presentazione
1	Khamesi	Atieh Rajabi	Università di Padova - DEI	Energy and Spatial Spectral E
2	Tajalli	Alaleh	Università di Padova - DEI	Instability of the breakdown v
3	Parada Medina	Raul	Università di Padova - DEI	RFID based People-Object Int
4	Dalcanale	Stefano	Università di Padova - DEI	GaN transistors for power an
5	Celin	Alberto	Università di Padova - DEI	A 93dB 1Ms/s Sigma-Delta Al
6	Giovanelli	Davide	Fondazione Bruno Kessler	Dynamic group management
7	Rusci	Manuele	Fondazione Bruno Kessler	Energy-efficient design of an
8	Liu	Yiwei	Università degli Studi di Roma III	Integration of PLMN and Sate
9	Vizzarri	Alessandro	University of Rome Tor Vergata	Blockchain applications for Id

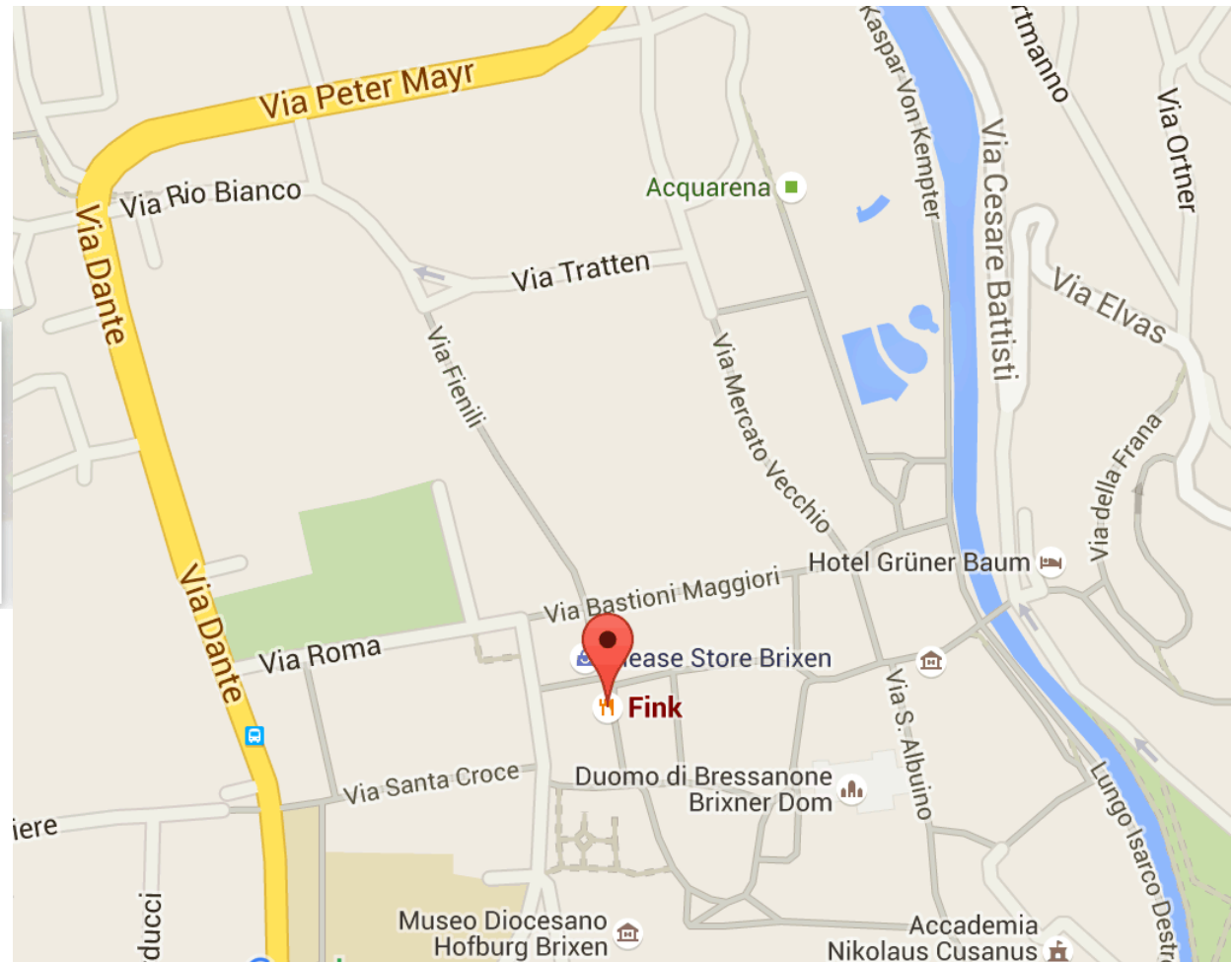
Wednesday 6/7 - 17:00 – 18:30 PhD students Presentations

N.	Surname	Nome	Affiliation	Presentazione
10	Bellagente	Paolo	Università degli Studi di Brescia	The IoT as Platform for Health
11	Al-Rimawi	Ashraf	University of Bologna	Performance Evaluation of De
12	Sulli	Vincenzo	University of L'Aquila,	An Analytical Method for Per
13	Ojo	Mike Oluwatayo	University of Pisa	An Efficient Centralized Sched
14	Soderi	Simone	University of Oul	Watermark-based Secure Cor
15	Battaglioni	Massimo	Università Politecnica delle Marche	Time-Invariant Spatially Coup

Social Dinner on Thursday July 7, 2016 (offered by the University of Padova)



**Need to know
who will attend**



<http://www.restaurant-fink.it/>

Hotel costs support

Thanks to a contribution from the University of Padova, we can cover all the costs of Speakers, congress center, and the social dinner.

This is why we do not have a registration fee.

Furthermore we can also support all participant who are staying at the Gruenen Baum Hotel covering partially of their Hotel costs.

Unfortunately, due to administration issues we can not support who are staying in other hotels.