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**UNIVERSITÀ
DEGLI STUDI
DI TORINO**

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**Fondazione Fondo
Ricerca e Talenti**

COMPLETE PROGRAM

Uniti x Unito Sostenibile

Conferences and Workshops program

ATTENTION

The program could be modified

<http://www.unitixunitosostenibile.it>

10-11th November 2016



COMPLETE PROGRAM

Uniti x Unito Sostenibile

Conferences and Seminars

For participation registration is required.

It is possible to attend only one workshop or contest for each day.

[LINK TO REGISTER](#)

1th Day

Partecipatory models for sustainability

Bottom-Up Approach for sustainability: from Italy to Europe

Thursday November 10th

SALA LAUREE ROSSA GRANDE – BUILDING D1

9:00 – 13:30

In the last years, the educational world is quickly changing due to the introduction of new IT technologies and to the easiness of access to a large amount of information for all possible fields. The environmental sustainability is a multidisciplinary field which can take advantage of a different educational approach based on DIY, a cooperative teaching, sharing knowledge and a direct relation among “students” and “teachers”. Changing approach, it could be possible, to better educate the future decision maker.

9:30 - 10:30

Egidio Dansero (Unito Green Office)

What is it UniToGO? Linking Research, action and communication for sustainability is it possible?

Patrizia Lombardi (GreenTeam - Polito)

What is it the Green Team of the Politecnico of Turin? Which are the initiatives on going?

Alessandra Bonoli (Terracini in Transizione - UniBo)

Living lab and engagement for sustainability from the University of Bologna.

10:30 - 11:00: Coffee Break

11:00 – 12:00

Alessia Calafiore (Progetto First Life - Unito)

FirstLife is an online platform for partecipatory mapping. Is possible for every citizens to



be involved in the management and the knowledge of a territory helping the public administration?

Giorgia Silvestri (Green Office - Maastricht)

How does it work the Green Office Model and which is its impact in Europe?

Alessandro Balena (La Scuola Open Source - PoliBa)

How can we realize an educational model “Open Source” without students-teacher barrier? Can different fields collaborate and grow together? How can we create a school for artist, designer, maker, hacker, physicist, economist and so on?

12:00 - 13:30

Round Table on participatory methods

2nd Day

3 Parallel sessions on waste management, sustainable mobility and Food

Friday November 11th

CLASSROOM H2, H3, H4 – Building D4 2° Floor

9:00 – 13:30

9:00 - 12:30: SESSION 1 - Circular Economy and Waste Management: from active citizenship to the role of the Universities

09:00 - 12:30: SESSION 2 - Sustainable mobility between associations and institutions

09:00 – 12:30: SESSION 3 - Innovation in the food sector: from local urban production to the University management

10:30 - 11:00: Coffee Break

12:30 - 13:30: RoundTable - Unito and the management of waste, food and mobility: which future?

9:00 - 12:30: TALKS

SESSIONE 1 - Circular Economy and Waste Management:
from active citizenship to the role of the Universities

CLASSROOM H2 – BUILDING D4 2° Floor



9:00 – 10:30: Debates focused on the integrated waste management and definition of state of arts. In this section, the debates will focus on the state of arts in the city of Turin and of the University of Turin, on difficulties and opportunities in the local context. Actually the waste management, at urban scale, is sustainable for the environment? How recycling is managed locally and what is the city of Turin doing in order to improve the efficiency? What can everyone do in order to improve the condition of our neighbourhood?

Talk:

Giorgio Gollo (Città Metropolitana di Torino)

City of Turin state of arts: from incinerator to garbage dump and recycling centres.

Gianturco Donato Patrizio (Amiat – TBC)

Recycling management in the different neighbourhood of the city of Turin.

Bernardi Olivia (UniBo Sostenibile)

How manage a city into the city? Waste management of the University of Bologna.

Paolo Hutter (EcoDalleCittà)

Active Citizenship and the waste sentinel.

10:30 - 11:00: Coffee Break

11:00 – 12:30: Waste as resources. The Circular Economy wants to change the idea of the waste as a problem for the economy and the society. This is only possible rethinking and redesign a new circular economy and not a linear one (production->Use->waste) where wastes become product for new business model and they are able to create new jobs reducing their environmental impact.

Talks:

Giacomelli Corrado (EcoBank)

Wastes can be looked as resources for local communities? How can waste be used to create awareness among citizens?

Barbero Silvia (Polito – Project RETRACE)

Which is the role of the Universities to develop new business model and to create awareness in local communities?

Marco Bagliani (Università degli Studi di Torino – Unito Green Office)

The first Step towards an integrated waste management.



SESSIONE 2 - Sustainable mobility between associations and institutions

CLASSROOM H3 – Building D4 – 2° Floor

Can we move ourselves in a sustainable way? Have we an alternative to the car? In this section sustainable mobility opportunities and difficulties will be discussed looking at the solutions already adopted in North Europe.

Talks:

Luca Staricco (Osservatorio città sostenibili-DIST)

Zone 30: Urban plan for sustainable mobility

Pascal J.W. van den Noort (Velo Mondial, A Micro Multi-National)

Benefit-Cost Analysis of the bicycle economics from the city of Amsterdam.

Andrea Scagni (Unito Green Office - gruppo mobilità)

Which are the first results of the national survey on sustainable mobility of the Universities?

Cristina Caimotto (Presidente Bike Pride Fiab Torino)

How can we sensitize an entire city towards sustainable mobility?

Sebastian O Campo (Pony Zero Emissioni)

Pony express at zero emissions: a Smart systems for the management of a fleet of bikers.

Massimo Tocci (Presidente Fiab Torino Bici e Dintorni)

FIAB Torino Bici e Dintorni is the major NGO of bikers in Piedmont. Is it possible to us the bicycle instead of the car?

SESSIONE 3 - Innovation in the food sector: from local urban production to the University management

CLASSROOM H4 – Building D4 2° Floor

9:00 – 10:30: The State of arts within the restaurants, canteen and bar within the university. Actually, are restaurant, canteen and bar sustainable? Which are the initiatives of the Edisu and the University of Turin in order to reduce the food environmental impact?

Interventi:

Dott. Stefano Afferni (Edisu – Settore risottarazione e sale studio)

Quality in the food distribution within the university: Mensana project.

Prof.ssa Nadia Tecco (Unito – DISAFA)

Project for the food sustainability within Unito.



Prof. Pierantonio Bertero (Massimo Cento)

Km0 Food Production: from producer to consumer.

10:30 - 11:00: Coffee Break

11:00 – 12:30: Innovation in the food sector: can we produce food within large city in a sustainable and partecipated way? Which are the new model and trends in the city of Turin? From urban vegetables garden up to urban bees breedings. In this section, we will explore some virtuous examples of citizens engagement in food production.

Talks:

Emanuela Saporito (Orti Alti)

Sustainable Roofs for food production.

Corinna Brilli (Innesto)

Experience of urban collaborative vegetables garden.

Lorenzo Torrini (GAS Manituana)

Collective Purchasing Groups: what are they? How do they work?

Antonio Barletta (Urbees)

Urban Ecosystem can be affordable for bees? Experiences of urban bee breedings.

Francesco Majno (Addento)

Flour from insects? Now it's possible in Turin.

12:30 - 13:30: Round Table

RoundTable - Unito and the management of waste, food and mobility: which future?

Workshop and Contest

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1° Giorno

Internet of Thing and Smart City

Thursday November 10th

SALA LAUREE ROSSA GRANDE – Building D1



14:00 – 18:00

14:00 – 14:30

Ing. Andrea Tartaglino (Energy Manager – Unito)

Presentation of Unito Energy *Audit*

Dott. Giorgio Ghillardi (Dip. di Fisica – Unito)

How much does it cost the Campus Luigi Einaudi? Presentation of the Energy Audit of the Campus Luigi Einaudi.

14:30 - 15:00

Prof. Riccardo Beltramo e Ing. Paolo Cantore

Scatol8 project presentation

Glyn Hudson

Presentation Project Open Energy Monitor

15:00 - 18:00: WORKSHOPS

WORKSHOP 1 - Introduction to Arduino and Raspberry PI

CLASSROOM LL3-LL1 – Building C3

Beginner Level

Giacomo Leonzi – Fablab Torino

The workshop will begin introducing the basics of electronics and Open Source Internet of Things until you get to the development of a prototype that can measure energy consumption. It is going to be used the most common and popular Open Source tools, from Arduino and Raspberry.

Each participant, by the end of the workshop, will have to make a simple working prototype from a site chosen by the project intractable (link below).

WORKSHOP 2 - Project Open Energy Monitor

CLASSROOM LL3-LL1 – Building C3

Advance Level

Glyn Hudson – Open Energy Monitor

Github Link for materials:

<https://github.com/openenergymonitor/build-workshop/tree/master/emontx-pixel-emonesp>



The Open Energy Monitor project is a project based on the Raspberry Pi to create a little box to monitor energy consumption in real time directly from the electricity level meters. It will explain the basics of the theory of alternating current and phase shift and it will be introduced on the main and most common methods for measuring the power consumption. Each participant, by the end of the workshop, will experience and understand the operation of the OpenSource platform Open Energy Monitor.

WORKSHOP 3 - Progetto Scatol8

SALA LAUREE ROSSA GRANDE – Building D1 D1

Intermediate Level

Prof. Riccardo Beltramo and Ing. Paolo Cantore.

Scatol8® is a device that performs the detection and management of environmental variables and transmits the data to a personal computer on which the data are stored, processed and displayed through Crusc8, to launch an awareness campaign on the theme of sustainability.

WITER JAM - *STREET ART and ENVIRONMENTAL SUSTAINABILITY*

To Writer and Artists

Karim Cherif

The goal of the jam is to realize new artworks in order to spread sustainable best practices for the waste recycling within the University communities. The realized artworks will be exhibited in the Campus Luigi Einaudi and, in next months, in other university buildings

2nd Day

Waste Management, Sustainable mobility and Food

Friday November 11th

14:00 – 18:00



WORKSHOP 1 - Sentilo - the open source IoT platform not only for smart cities

CLASSROOM Li3 – Building D4

Karel Cech (Sentilo.io)

The Sentilo project is a publication-subscription platform designed specifically for the IoT environment. It is developed by the city of Barcelona, where it is successfully used for 3 years. The project's goal is to create a data layer that shares sensor data, traditionally locked in closed vendor systems. The workshop will be centered around the Sentilo's HTTP API, which can be used by everyone with the recently released [Thingtia](#) platform.

WORKSHOP 2 – Innovation in the food sector: from urban food production to the management of the university

SALA LAUREE BLU GRANDE – Building D1

Workshop for everyone

Emanueala Saporito (Orti Alti)

During this workshop the participant will learn to project and realize an urban garden for food production, its social impact on local neighbourhood up to the cost-benefit analysis.

Participants will have the possibility to focus on the necessary steps to create and manage an urban garden through 4 different sights:

Architectural

how to study and analyse the proper space?

Economics

how to evaluate cost-benefit? Is it a sustainable approach at urban scale?

Social and environmental impact

which social impact on local neighbourhood?

Management

how to realize a long-term project with citizens participation?

WORKSHOP 3 – Sustainable Mobility: The Bicycle from A to Z

Workshop for everyone



VENTO, Officine Ricreative e Associazione Intorno

14:00 – 15:00:

Camilla Munno (Vento Project).

Conference and documentary.

From Venice to Turin by bike, along Po river: the longest bicycle lane of the South Europe

15:00 – 18:00:

Michele Noce (Ciclofficine ricreative)

We use the bike but do we know how to repair it? Bicycle Workshop!

15:00 – 17:00:

Patrizia Venesia (Intorno NGO). Marking the bicycle

European antitheft method in order to recognize the bicycles thanks to an alphanumeric code.

During this workshop will be introduced how to repair a bicycle from A to Z. Bring your own bicycle.