

# #ZEROHACKATHON

THE FIRST YOUTH COMPETITION FOR A SUSTAINABLE FUTURE



# HANDBOOK

FAO HQ, ROME, NOVEMBER 30<sup>TH</sup> - DECEMBER 2<sup>ND</sup> 2016

[WWW.ROMUNSIONI.ORG](http://WWW.ROMUNSIONI.ORG)

[WWW.SIOI.ORG](http://WWW.SIOI.ORG)



## Hosts and Promoters



**SIOI - UN Association of Italy** - The Italian Society for International Organization (SIOI) is an international non-profit organization that has been operating since 1944 subject to the Ministry of Foreign Affairs' supervision. It is the Italian Association for the United Nations (UNA Italy), and a founding member of the World Federation of the United Nations Associations (WFUNA). SIOI has its main office in Rome, in Palazzetto Venezia, in addition to branches in Milan and Turin. SIOI's institutional aims are diplomatic and educational, and SIOI promotes and supports training and research on topics in international organization and relations, and international protection of human rights.



**U. S. Diplomatic Mission to Italy** - The United States Mission in Italy comprises of the United States Embassy in Rome and the Consulates General in Milan, Florence, and Naples. They shape and carry out U.S. relations with Italy, have an active public diplomacy program, provide consular services to American citizens and visa services to citizens of Italy and other countries who wish to visit or who qualify to immigrate to the United States.



**U.S. Diplomatic Mission to the UN Agencies in Rome** - The United States Mission to the UN Agencies in Rome serves as a link between the Rome-based international organizations and the U.S. government. With staff representing the Departments of State, Agriculture, and the Agency for International Development, the U.S. Mission works to advance UN efforts in the areas of emergency food aid, food safety standards, agriculture, fisheries, forests, and financing for rural development. The Mission also promotes the efficient functioning of the UN organizations. As the largest contributor to the UN system worldwide, the United States has a large stake in ensuring that the organizations are well run and that their activities complement and enhance U.S. national and foreign policy objectives."



**MSOI – Student Movement for International Organization** - Created and operated by students, the Student Movement for International Organization (MSOI) represents the youth and university section of SIOI and is the Italian member of the World Forum of the United Nations Youth Association (WFUNA YOUTH). Every year MSOI organizes conferences, seminars, debates, workshops and exchanges. With offices across Italy, MSOI aims to extend possibilities to all youth interested in developing and deepening their knowledge.

## **With the technical support of FAO**

The Food and Agriculture Organization of the United Nations (FAO) will host the entire three-day event.

FAO is an agency of the United Nations that leads in international efforts to defeat hunger. Serving both developed and developing countries, FAO acts as a neutral forum where all nations meet as equals to negotiate an agreement and debate policies.

FAO is also a source of knowledge and information, its vision is "a world free of hunger and malnutrition where food and agriculture contributes to improving the living standards of all, especially the poorest, in an economically, socially and environmentally sustainable manner".

**Special thanks to**  
**the European Commission Representation to Italy**





## VIPs



**Pietro Grasso**



**Franco Frattini**



**Dan Gustafson**



**Gloria Berbena**



**Beatrice Covassi**



**Cherif Bassiouni**



**Nicol Perez**



**Ekaterina Zagladina**

## JURY



**Cristina Puccia**



**Menaka Nayyar Pirnot**



**Nicol Perez**



**Paola Bocchia**



**Thomas Berger**



**Pietro Sferra Carini**



**Filippo di Robilant**



**Dusanka Ilic**

## MENTORS



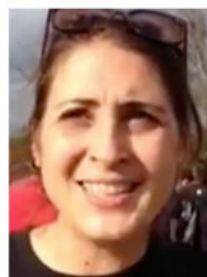
**Martin Frick**



**Anna Rappazzo**



**Makiko Taguchi**



**Lucie Greyl**



**Thomas Berger**



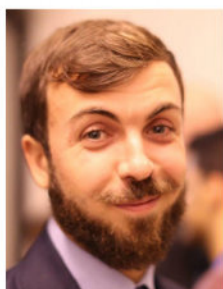
**Lorenzo Micheli**



## #ZEROHACKATHON TEAM



Giada Dionisi



Leonardo Pascali



Alessandra Pacilli



Viola Giangiordano



Angela Scicchitano



Ilaria Saltarelli



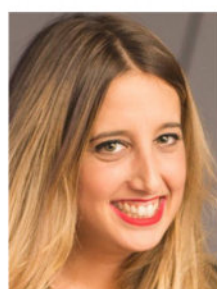
Panni Osgyani



Federico Palmieri



Francesco Testa



Xenia Camerini



Ornella D'Amore



Chiara Della Monaca



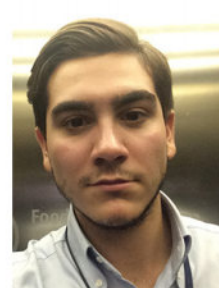
Gennaro Intoccia



Chiara Litardi



Daniela Peta



Federico Sacripante



Federico Zamparelli

## COMMUNICATION TEAM



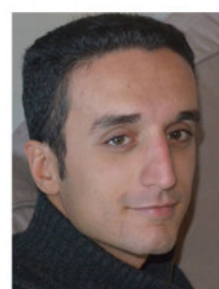
Lucia Ameli



Francesco Paolo Burrano



Emilia Ciuffetelli



Diego Del Proposto



Matteo Mirti



Giorgio Perillo



Luca Vitiello



Olga Zaccaria

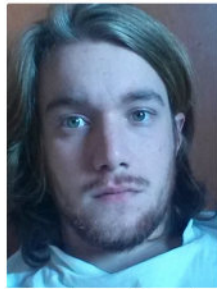


Andrea Zoppo

## SUPERVISORS



**Andrea Alesiani**



**Andrea Bezzi**



**Federico Cardoni**



**Matteo Merolla**



**Ludovica Paradisi**

## MULTIMEDIA



**Dario Alesiani**



**Riccardo  
Lancialonga**



**Andrea De Cicco**



**Francesco  
Altamura**



**Daniele Cernicchi**

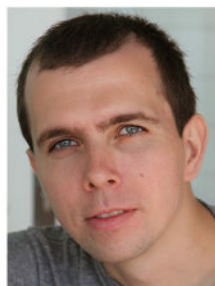


**Naomi Kikuchi**



**Valeria Michetti**

## WEB



**Nihad  
Arslanagic**



**Lorenzo Lupi**



## General Information

### BADGE & DOCUMENTS

Please *always* wear your badge during working sessions. Badges must be kept visible all times. Please always keep your documents (ID or passport) at yourself for identification.

### THE EVENT

The applicants are divided into 20 teams. There are 4 teams per challenge (8 people each). There are 5 mentors who can be FAO technical experts, professionals, institutional representatives or teachers. There are 5 facilitators and 1 multidisciplinary jury. Notepads and pens are provided during registration before the event.

### THE CHALLENGES

There are 5 thematic areas. Each challenge has different topics. The specific issues to be discussed and worked on are going to be revealed during on the first day of the event.

#### *Challenge #1: Climate is changing. Food and Agriculture must too*

Climate change is already putting stress on food systems and rural livelihoods all around the globe. Climate change is undermining food production, while existing agricultural practices and patterns of agricultural development threaten the natural resources on which farming depends. Sustainable natural resource management is key to ensure food security for a growing global population, as well as to mitigate climate change through ecosystem services.

#### *Challenge #2: Act now for the Zero Hunger Generation*

There is enough food for everyone on the planet today, yet almost 800 million people suffer hunger. The reason behind hunger is poverty, not lack of food. Access to food is the most significant basic need by far. Population growth is posing serious challenges to the achievement of the Sustainable Development Goals concerning food and water availability. Zero Hunger means food and water availability for all.

#### *Challenge #3: Urban and Rural Food System and Policy*

At present more than 50 percent of the world's population is living in urban areas and it is expected to rise to 70 percent by 2050. This causes an enormous challenge to conventional food production and supply. Food and nutrition security of poor urban populations is and remains at risk as a consequence of the volatility and rapid increases in food prices, natural disasters and climate change effects.

#### ***Challenge #4: Awareness on environmental crimes and their threat to food safety***

Many times conflicts around the world are generated by the exploitation of natural resources, the generation of wastes and the degradation and commodification/privatization of environmental goods. Environmental crimes firmly affect both water quality and food safety. Food safety is strongly linked to the quality of water used at each step of the food chain from production to consumption.

#### ***Challenge #5: Sealife: preserve the marine and the ocean world***

Climate change, the melting of ices, alterations of water temperature, acidification and pollution are posing enormous threats to marine life. Many marine species live today in danger of habitat destruction, which is detrimental for their adaptation and, in some cases, a cause of premature extinction. The sea is an extremely complex equilibrium that must be preserved, otherwise the consequences could be devastating.

#### **LAPTOPS & CELLPHONES**

Using your laptop and/or cellphone is strongly encouraged during working sessions for the sake of conference-related work. During breaks you are encouraged to post photos and post about the event using the hashtag #ZEROHackathon.

SIOI and FAO are not responsible for lost or stolen property.



## **Code of Conduct**

The Organizing Committee reserves the right to dismiss any participant from the conference due to violation of any regulation. ZERO Hackathon will enforce the following rules at all time:

### **ILLEGAL SUBSTANCES & SMOKING**

No smoking inside and outside of the conference venues. Any participant found in possession of alcohol or illegal drugs will be barred from the conference and sent home immediately.

### **SEXUAL HARASSMENT**

Sexual harassment is prohibited. The conference defines sexual harassment as:

- Unwanted sexual advances that may take the form of inappropriate sexual or suggestive comments
- Sounds or jokes; unsolicited touching or fondling; unwanted intercourse or assault; unwelcome requests for sexual favors
- Such conduct that has the purpose or effect of unreasonably interfering with an individual's academic or work performance, or of creating an intimidating, hostile or offensive educational, social, living or working environment

Incidents of sexual harassment should be immediately reported to a faculty advisor or a conference staff member.

### **AUTHORITY**

Participants must obey instructions from any advisor or conference staff member, both inside and outside of team sessions.

### **TRASH**

Participants are responsible for their own trash. After group session, each participant is to clean his/her own area before leaving the room.

### **MEETING ROOM USE**

Participants must respect the meeting rooms and furniture at all times. Participants found writing on tables or chairs will be immediately removed from the conference. Participants may not bring food into the conference rooms.

### **DRESS CODE**

There is no strict dress code for the participants, but remember the FAO is a UN body,. A business casual attire is recommended.

## Licensing is important

Intellectual property is no joke, and when you are using someone else's material for producing your own work, some precautions are necessary.

Authors of photographs, graphic vectors, fonts, software, and so on, usually want their talent to be recognized and valued: hence, they will seek to acquire a right of intellectual property on it.

Some authors, however, will choose to give people the right to share, use, build upon, and make it available for public use without requiring an attribution to themselves.

**Creative Commons** (CC) is a Mountain View non-profit organization that helps "legally share knowledge and creativity to build a more equitable, accessible, and innovative world". They release public copyright licenses known as "Creative Commons licenses" that enable the **free distribution** of an otherwise copyrighted work. Creative Commons provides authors with a great flexibility, and there are different types of CC Licenses:

License	Description
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CC BY	Free content, only requires attribution in the manner specified by the author.
CC BY-SA	Free content that requires attribution and that copies or adaptations of the work to be released under the same or similar license as the original.
CC BY-NC	Free content that requires attribution in the manner specified by the author and cannot be used for commercial purposes.
CC BY-ND	Free content that requires attribution and only permits verbatim copies of the work, not derivative works and remixes based on it.
CC BY-NC-SA	Free content that requires attribution, that copies or adaptations of the work to be released under the same or similar license as the original, and cannot be used for commercial purposes.
CC BY-NC-ND	Free content that requires attribution in the manner specified by the author, only permits verbatim copies of the work, and cannot be used for commercial purposes.

Always check the licensing conditions for the materials you choose to work with. In case of doubt, remember that your work **is not** intended as commercial use. You are responsible for the work you present and the attributions you make, therefore, you will also be responsible in case of copyright infringement.

## Graphic resources

### - FOR PICTURES AND VECTORS:

#### Wikimedia Commons

[https://commons.wikimedia.org/wiki/Main\\_Page](https://commons.wikimedia.org/wiki/Main_Page)

Almost all content hosted on Wikimedia Commons may be freely reused subject to certain restrictions. Content under open content licenses may be reused without any need to contact the licensor(s), but some licenses may require that the original creator be attributed.

If you have any doubts, check Wikimedia Commons' informative on reusing content outside

Wikimedia: <https://commons.wikimedia.org/wiki/>

[Commons:Reusing content outside Wikimedia](#)

#### Pixabay

<https://pixabay.com/>

An excellent resource for photos and graphic content.

All pictures and videos found on Pixabay are copyright-free with a *Creative Commons CC0* license. You can download, modify, redistribute and **use them for free** (for both personal and commercial use). No attribution required.

#### Pexels

<https://www.pexels.com/>

All photos on Pexels are licensed under the *Creative Commons CC0* license. This means the pictures are completely free to be used for any legal purpose. The pictures are free for personal and even for commercial use. You can modify, copy and distribute the photos without asking for permission or setting a link to the source. So, attribution is not required.

#### Skitterphoto

<http://skitterphoto.com/>

All photos on Skitterphoto.com are released into the public domain using Creative Commons CC0. This means you can use our photos for any purpose, even commercially. Attribution is not required.

#### StockSnap.io

<https://stocksnap.io/>

All photos on StockSnap fall under the *Creative Commons CC0* license. That means you can copy, modify, distribute any photo on the site, even for commercial purposes, and attribution is not required.

#### Freepik

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

An excellent resource for graphic content and vectors (mostly).

Most vectors and pictures and resources found on Freepik **can be used for free**, only having to credit the author of the illustration to Freepik. In addition, just by paying a little, a user can subscribe to the Premium plan and can use all illustrations without any accreditation.

If you have any doubts, check Freepik's terms of use here: [http://www.freepik.com/terms\\_of\\_use](http://www.freepik.com/terms_of_use)



## - FOR FONTS:

### **DaFont**

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

An excellent resource for fonts. The fonts presented on this website are their authors' property, and are either freeware, shareware, demo versions or public domain. The **license mentioned above the download button** is an indication: you are mostly looking for "100% Free" fonts. If no author or license is indicated, that is because DaFont does not have information, it does not mean it's free.

### **HypeForType**

<https://www.hypefortype.com/browse-fonts/free.html>

HypeForType features over 25000 designs from top designers, many of which are available for you to download for free. Below the title you will find detailed specification on pricing and licensing for each font.

### **FontStruct**

<http://fontstruct.com/gallery>

Another excellent resource for fonts, created by its users. Many are available for download on a Creative Commons license or a FontStruct free license.

## - OPENSOURCE SOFTWARE

### **Apache OpenOffice**

<http://www.openoffice.org/>

Apache OpenOffice is the leading open-source office software suite for word processing, spreadsheets, presentations, graphics, databases and more. It is available in many languages and works on all common computers. It stores all your data in an international open standard format and can also read and write files from other common office software packages. It can be downloaded and used completely free of charge for any purpose.

### **GIMP - GNU Image Manipulation Program**

<https://www.gimp.org/>

GIMP is a cross-platform free and open-source image editor available for GNU/Linux, Windows, OS X and more operating systems. GIMP provides the tools needed for high quality image manipulation, from retouching to restoring to creative composites. GIMP is used for producing icons, graphical design elements, and art for user interface components and mockups.

Tutorials: <https://www.gimp.org/tutorials/>

### **OpenShot Video Editor**

<http://www.openshot.org/>

OpenShot Video Editor is a free, open-source video editor available for Linux, OS X, and Windows. OpenShot can take your videos, photos, and music files and help you create a film. Easily add sub-titles, transitions, and effects, and then export your film to DVD, YouTube, Vimeo, Xbox 360, and many other common formats.

## Social Media

Dear Participants, welcome to **#ZEROHackathon!**

Remember that #ZEROHackathon is a social media event as well and your social media activity will be taken into account during the assessment phase!

Do not forget to posts and share photos, videos, comments, postcards on Facebook, Instagram, Twitter and Youtube using the official Hashtags #ZEROHackathon, #SIOI, and #ROMUN!

Add your challenge and your team/project name (ex. #Challenge1, #AdaptAbility)

Tag your friends, your teammates and our official accounts:

Facebook: **ROMUN, SIOI**

Twitter: **@ROMUNTweet, @sioitweet**

Instagram: **@romunsioi, @sioi\_unaitaly**

Youtube: **Romun SIOI, SIOI Formazione**

Web: **[www.romunsioi.org](http://www.romunsioi.org), [www.sioi.org](http://www.sioi.org)**

Have fun and... May the best team win!

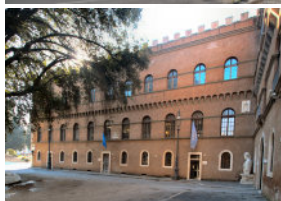
## Venues of the Event

### WORKING VENUES



#### FAO HQ

Viale Aventino (Circo Massimo Metro Station Line B)  
Tram 3 or bus 75, 673, 81, 160, 118



#### SIOI-UNA ITALY

Piazza San Marco, 51  
Colosseo Metro Station (Line B) or Spagna Metro Station (Line A)  
Tram 8 or bus 30, 44, 46, 51, 60, 62, 63, 64, 70, 80, 81, 83, 85, 87, 117, 118, 160, 170, 492, 628, 780, 781, 916, H

### SOCIAL VENUES

#### CONI - SALA DELLE ARMI

Via delle Olimpiadi, 60

Welcome dinner

(November 30th)

Bus 32 from Ottaviano Metro Station (Line A), 628 from SIOI, 69, 280, 301

#### CONI - CIRCOLO DEL TENNIS

Viale dei Gladiatori, 31

Gala Dinner

(December 2nd)

Bus 32 from Ottaviano Metro Station (Line A), 628 from SIOI, 69, 280, 301

**Transport from SIOI to social venues will be provided.**

**Meet us at 7 pm in Piazza San Marco, 51 on both November 30th and December 2nd.**

### EMERGENCY NUMBERS

112 is one of the emergency numbers in Italy.

In addition to Italian, the calls are answered in English, French and German.

The European emergency number 112 is not the only emergency number in Italy:

113 - police, 115 - fire brigade, 118 - first aid.



## Institutional Partners



## Academic Partners



## Special Thanks to

