



Rotary 2022 Youth Exchange Program Faenza

dates

Arrival 23th May in the afternoon
Leaving 27th May in the morning



FAENZA

- **Theme : *Innovative Technologies applied to the «circular economy concept», to assure and healthy economic growth that preserve our Planet***
- Circular economy is a new economic system that aims to create a circular and continuous relationship between the words "Make", "Use" and "Recover" by promoting a different conception of the production and consumption of goods and services without wastes in a perspective of absolute environmental sustainability.
- Each group is called to identify and describe a real project of circular economy, without dispersion, highlighting the application advantages.
- Furthermore, to complete the proposed work, it is asked to propose solutions to prevent that the concept of "beauty" and more generally of "aesthetics" is penalized within the identified virtuous circle of sustainability.



The "CONTEST"

- No.3 Teams, each one composed of Students from the three nationalities
- «Tutorship» of RC-Faenza members or Manager/Professional connected to the RC-Faenza, expert of the subject.
- Each Team to develop their «own» «BREAKTHROUGH IDEA», including an «ACTION PLAN» focused on the a.m. theme.
- Each Team to prepare a presentation to be displayed by them on Thursday the 26 of May, during the RC-Faenza dinner.

The Structure of the «work to be done» by each Team

- Identify the key points/issues of what has been told during the «lectures» ; select one problem and possible creative solutions; finally describe/illustrate the transition from an innovative idea to the concrete application.
- Starting from what observed during the visit of the factories/laboratories each Team should express an «innovative» idea and develop the operative «path» to create a realistic applicative program



Working Groups

- Italian : No. 5; German : No. 5; French : No. 5
- No. 3 international working groups formed according to criteria of experiences and competences as per the received CV



Works Agenda

- 23 May : starting from 18:00 Meeting at Rione Verde
- 24 May 09:30 -12:30 : Tampieri spa
<https://www.tampieri.com>
- 24 May 14:30-17:30 : Caviro Soc. Coop.
<https://www.caviro.com>
- 25 May 10:00 -12:30 : Start Up – Recover Ingredients
<https://www.istec.cnr.it/en/service-for-companies/startup-e-spinoff/recover-ingredients/>
- 25 May 14:00 -16:00 : Lecture on Circular Economy
<http://www.istec.cnr.it/index.php?lang=it>
- 26 May : preparation of the work to be presented in the evening at RC meeting
- 26 May evening : presentation to the RC Meeting
- 27 May : morning individual departure



24 May 09:30 -12:30 : Tampieri spa
Mr.Davide Tampieri



HOLDING

COMPANIES

CSR

MEDIA

NEWS

CONTACTS

Tampieri green energy ▾

Tampieri green energy generates electrical and thermoelectric energy from renewable energies, mostly from the by-products and organic residues of the oil produced by Tampieri spa. The energy which is not used for the Group's own consumption is fed into the national grid. [Go to website](#)

Faenza depurazioni ▾

Faenza depurazioni treats the wastewater from Tampieri's and third parties' production processes. Once purified, such water is partly recycled, partly discharged into nearby surface waters, in compliance with current environmental legislation. [Go to website](#)

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HOLDING

AZIENDE

CSR

MEDIA

NEWS

CONTATTI



Tampieri green energy





**24 May 14:30 -17:30 : Caviro Soc. Coop.
Dr. Ugo Palara**



Here, where it all comes back

Every day we work to preserve the value of natural resources. The recycling and regeneration of products and materials allow us to reduce the use of raw materials and energy at the source. Thanks to this approach, we meet the needs of today's generations, without compromising the possibilities of those to come. More than a virtuous cycle: our model is the testimonial that unites the present and the future.

[DISCOVER OUR OUR CIRCULAR ECONOMY](#)





FAENZA

25 May 10:00 -12:30 : Start Up Recover Ingredients

PhD. Michele Iafisco - PhD. Alessio Adamiano

Recover Ingredients



**Recover
Ingredients**

Recover Ingredients is a spin-off of ISTEC-CNR that following a circular economy approach, has designed “green” processes for the recovery of food by-products, and in particular of those from fish and animal slaughter supply chains, and their conversion into high value materials for applications in the fields of natural cosmesis and smart agriculture.

Recover Ingredients has developed 3 products:

MarineBoost: a biomineral based on calcium phosphate extracted from fish bones for cosmetic applications, in particular for skin photoprotection.

Smart-P: a fertilizer based on humic substances and calcium phosphate extracted from animal bones for agricultural applications.

SeaPowder: a calcium carbonate extracted from seashells for applications in cosmesis (as a technical ingredient) and agriculture (as a photoprotective material).

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25 May 14:00 -16:00 : Lecture on Circular Economy

PhD. Simone Sprio - CNR

Who we are



The Institute of Science and Technology for Ceramics (ISTEC) is the Italian Hub of Excellence on Ceramic Materials, where the idea, design and development of new ceramic and hybrid materials takes place for the benefit of industry and the whole society, and where advanced training is carried out in the field of materials science addressed to fields of major current interest: Aero-space, Wellness and Health, Energy, Nano-remediation & safety, Environment, Construction and Cultural Heritage.

In our vision, we pursue the enhancement of trans-disciplinarity, the integration of non-conventional technologies and the development of new processes for multi-materials.

ISTEC has multi-disciplinary expertise and carries out the entire chain of development spanning from basic research to design, from the synthesis of base materials to forming processes, consolidation techniques and also functionalisations up to the development of prototypes and / or pilot plants.

ISTEC has various collaborations in Europe, USA and Japan and is involved in numerous national and international research and training programs, many of which with the role of Project Coordinator.

The interaction and collaboration with the industrial field are developed and supported by numerous technology transfer projects through the creation of spin-offs and / or licensing of patents related to new processes and products developed in ISTEC.

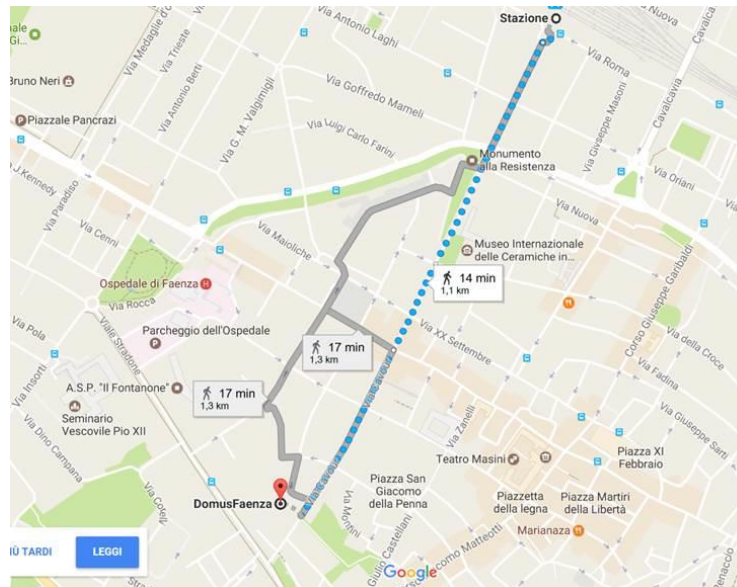
Examples of successful spin-offs / start-ups generated by ISTEC are Finceramica SpA and Green-Bone Ortho Srl in the bioceramic materials sector, Recover Ingredient Srl in the cosmetic sector, and IPECC srl in the electro-ceramic sector.



Lodging

«Rione Verde» <http://www.domusfaenza.it/>

It's at walking distance (very easy) straight 1,1 km
(10 minutes walking from the station)



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Rooms Occupancy

We have foreseen to “mix” the students as much as possible as per the Working Groups so to facilitate the growth of international communication to strengthen the reciprocate experience



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Lunches and Dinner

- Arrival dinner 23 May at «**Zingarò**»
- Lunches 24 May «**Tavole di Romagna**»
- Dinner 24 May at «**Terrantiga**»
- Lunch 25 May at «**Rione Verde**»
- Dinner 25 May : «**Free**» cash provided by RC Faenza
- Lunch 26 May at «**Rione Verde**»
- Dinner 26 May at «**Spadoni**» Rotary Club Meeting and work presentation

Vegetarian and celiac food available on request

Transportation

By car (RC + Italian Participants)

Note Book

Note book made available by each Group of student (Italy/France/Germany)