

SMART WELDING INTERNATIONAL TRAINING: THE GREEN AND DIGITAL WAY FOR NEW TALENTS AND COMPETENCES

MONDAY OCTOBER 10 2022 8.30AM – 6PM
PROVAGLIO D'ISEO – BRESCIA | ITALY



ABOUT THE EVENT

This workshop will be a Living Lab, a **free interactive training day** that will be hosted in Italy and that will give the possibility to go deep into the circular economy assumptions, enriching daily work decisions, since the green transition is becoming more and more relevant in the metal sector.

This training day aims to **disseminate the Circular Economy best practice examples in the metal sector**, with a specific reference to the smart welding process. The program includes a **technical tour, theoretical lesson and interactive focus groups**, in which participants will be able to become aware of their role and possibilities and identify possible application in their daily work process.

Work language will be **English**.



PROGRAM

8.30 am - Arriving at AQM Srl, services and training center for mechanical processes. Accreditation, information desk and welcome coffee.

9.00 am - Introductory and welcoming speech

9.15 am - Interactive poll about circular economy definitions and principles

9.30 am - Analysis of new skills and benefits of circular economy in metal sector

9.45 am - Analysis of good practices from the sector

10.00 am Coffee break



10.15 am - Experience sharing and evidences from companies of the sector: *State of the art of the sector's needs* (available for remote connection)

- Istituto Italiano di Saldatura "*Global evolution of the welding process and trainings*"
- Massimo Meleri – Weldone "*The future of welders: laser technologies, CoBot and augmented reality in training. How to accelerate the learning process: halven the training time and learn twice.*"
- Francesco Bosio – Impea "*Welding in automotive: how to digitalize the process of welding*"

11.15 am Company visit and technical tour

12.30 pm - Lunch

2.00 pm - Discussion divided in 5 rotating working groups (15 minutes for each group) about green and digital topics in welding

4.00 pm Workshop brainstorming and results in plenum

5.30 pm - Conclusion and greetings

PARTICIPANT PROFILE

Everybody is welcome. In particular, we imagine to host metal industries **entrepreneurs, managing directors, operation manager, welding engineers, operators, teachers and trainers**, especially in the field of vocational educational training, **researchers, orientation operators, HR managers, CSR managers**.

Basic English language knowledge is required. Nevertheless, facilitators will be ready to help in case of specific terms.

Participant, after visiting a welding center, will be involved in an interactive Focus Groups and will be asked to **share constraints and experiences** about the daily work and potential practices of circular economy. The expected result of the event is to share **practices that can be immediately implement** in the daily work process, **identifying new solutions** and possible path for transition

WHY SHOULD I PARTICIPATE?

- **Networking**
- **Meet and touch innovative realities**
- **Access to AQM services**
- **Gain new skills**
- **Attendance certificate**
- **Raising awerness in work and private life**

SPEAKERS



Luca Costa - International Institute of Welding

IIW is recognised as the **largest worldwide network** and **centre of reference** for welding, providing a forum for knowledge exchange among researchers, industry and educators, and disseminating best practices. IIW's work also embraces quality assurance, non-destructive testing, standardisation, inspection, health and safety, education, **training, qualification, certification**, design and fabrication.



Massimo Meleri

Weldone Srl, born in 2017, provide "Products and Services in the **welding and cutting domain**", based on an over twenty-five years old experience of its founders. A **testing department** is available on site, including a **CoBot station**, also used for welding classes. Weldone Welding School is provided with classrooms with the latest equipment for welders training and teachers of proven skills and experience, including the use of **soldamatic**, the first and only augmented reality welding simulator, which represents an innovative method in training professional welders.



Valentina Nucera Moderator

Graduated at Catholic University of Brescia and the University of Klagenfurt, she worked 11 years in Germany collaborating with the Italian General Consulate Italy, the Chamber of Commerce of Munich-Stuttgart and the Baden-Württemberg Entrepreneurs' Association. In Italy she is involved in the **promotion of the German VET system, ITS and lifelong education and learning**. After her experience as Responsible for Education and Training at Competence Center MADE she is now Hub Manager of the Training Center of University of Crema.



Roberto Rocca Moderator

PhD candidate in the Manufacturing Group at the Department of Management, Economics and Industrial Engineering of the Politecnico di Milano, where he has been collaborating since 2016. His research interests are focused on **Sustainable Manufacturing** paradigm, Sustainability Metrics and Assessment, Circular Economy and I4.0 technologies supporting sustainable operations in manufacturing field. He is currently conducting his PhD on ICT data-driven architecture for Sustainable Manufacturing in the Cosmetics Industry.

REGISTRATION

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REGISTRATION

Registration is possible clicking on [this link](#)

Deadline on September 15th

Only 50 subscription will be accepted.

After the registration, participants will **receive the confirmation of the participation request.**

Please wait to book flights and accommodation. Materials useful for the workshop organization will be sent soon.

For more information, please contact innovazione@reindustria.com

THE LOCATION: AQM

The event will be hosted in [AQM](#)

AQM, based at Provaglio d'Iseo, is a large Service Centre covering a site of more than 4700 m², accommodating laboratories, schools and classrooms, UNI and CEI standard info points, a technical library.

AQM HEADQUARTER

Via Edison 18
25050 Provaglio d'Iseo (BS)

FEE

There is **no fee** for the participants, as this Living Lab is part of the project CEMIVET – Erasmus+, funded by European Commission.

For those participants coming from abroad, a **100€ voucher** will be provided as **personal cost refund** in order to help the coverage of the travel expenses. (Accredited after the event). Do not hesitate to register!

Coffee breaks and lunch will be offered to all the participants.

WHERE YOU CAN STAY?

We suggest you to stay in Iseo, closed to the place of the event, where you can have a nice accommodation near the lake side.

A conventional accommodation had been arranged at [Ambra Hotel](#) in Iseo (83€/night for a single room. Please contact us for other options).

A charge-free transfer from Iseo is available from Ambra Hotel to AQM headquarters for the day of the event.

HOW TO REACH

From Milano - Bergamo Airport (BGY) and Milano - Linate Airport, a **taxi service** is available (a van for maximum 6 people) to reach Iseo or AQM to be paid after the service on your expenses.

We can easily book for you the transport, should you let us know in advance. We suggest to flight on **Milano - Bergamo Airport**, the nearest airport to the location.

Another possibility is to reach Provaglio d'Iseo (AQM) or Iseo **by train**. You have to reach Milano central station, then a train to Brescia, and then to Iseo.



ISEO LAKE: WHAT CAN YOU VISIT?

TORBIERE DEL SEBINO



Credit: <https://visitolakeiseo.info/en/sport-and-adventure/walk-in-the-torbriere-del-sebino-nature-reserve/>

The "Torbriere del Sebino" Nature Reserve is located on the south shore of Lake Iseo. It covers an area of 360 hectares, mainly composed of reed beds and ponds surrounded by cultivated fields, roads and houses.

The Reserve is accessible only on foot every day of the year, including holidays, from sunrise to sunset. There are three access points: in Corte Franca (from the car park of the shopping centre), in Iseo (opposite the town soccer pitch near the Visitor's Centre) and in Provaglio d'Iseo (San Pietro in Lamosa Monastery).

The entrance fee is € 1 per person, with tickets available from vending machines placed at the entrances. Groups of more than eight people must book a guided tour.

More information available <http://www.torbieresebino.it/?lang=en>

MONTE ISOLA



Credit: <https://www.visitmonteisola.it/en/video-e-fotografie-lago-iseo-monte-isola/>

Montisola is the largest lake island in Europe. On the island you will feel as if you have gone back in time since the only vehicles allowed on the island are a public bus, motorbikes belonging to residents and bicycles, which can be ferried across or rented on site.

Montisola is linked to the mainland by a ferry service.

Ferries departure about every 20 minutes from Iseo

More information available: <https://www.visitmonteisola.it/en/>

FRANCIACORTA



Credit: <https://franciacorta.wine/en/>

Iseo is located in **Franciacorta territory**, knowing for its wine productions and includes world-famous producers. Franciacorta offers exclusive itineraries exploring its wealth of history and variegated landscapes with churches, castles, monasteries and historic villages set against an evocative patchwork of woods and vineyards. You can also visit a Franciacorta winery where you will learn about the method and be guided through a tasting. We suggest to visit the Bersi Serlini winery set in Provaglio d'Iseo by booking in advance.

For more information: <https://franciacorta.wine/en/>

The **Wine Golf Course**, founded in 2009, sees the cooperation between the Golf Club and the Consortium for the protection of Franciacorta.

The three courses are in fact marked with the names of three types of Franciacorta: "Brut", "Satèn" and "Rosè". The project allows the sponsor wineries to use the spaces of the Golf Club and Club House to promote their wines and to organize events and competitions among their customers.

For more information and reservation <https://www.franciacortagolfclub.it/en/golf/fares/greenfee/>

BI.MU FAIR



Back in Milan you can visit BI.MU fair, **from October 12th to October 15th** hosted in RhoFiera (Terminal for Milan underground line 1), the international biennial fair dedicated to the industry of metal cutting, metal forming and additive machine tools, robots, digital manufacturing and automation system, enabling technologies and subcontracting.

More information: <https://www.bimu.it/en/>