



Co-funded by the
European Union



YML Main Event

21 October 2021

WM Week - Villa Erba, Cernobbio



Young Manufacturing Leaders Main Event

YML Contest for the 2021 WM Report

Mark L. Casidsid & Giulia Dimonopoli
World Manufacturing Foundation

21 October 2021



Goals of Contest

- to promote the use of digital technologies to have a concrete impact in terms of environmental sustainability in manufacturing, and in particular support the transition to the circular economy

Evaluation criteria

- potential contribution to environmental sustainability of operations or the wider community
- results are measurable and can be monitored
- concrete achievement of the intended objective(s)
- ingenuity of initiative / “wow-factor”

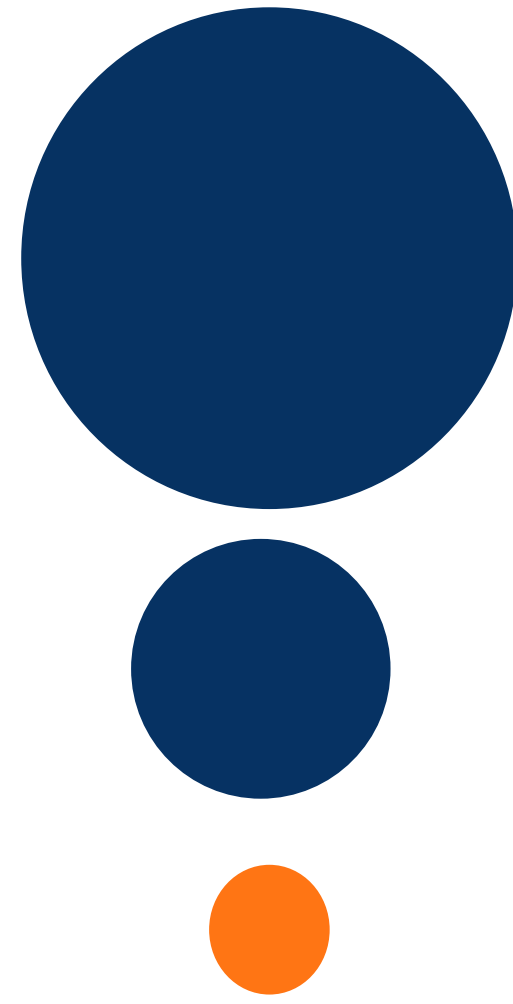
Winners will be featured in the 2021WM Report and invited to 2021 WM Forum. The event will focus on the Long-Term Resilience of Manufacturing and the role of Digital Technologies as an enabler of Circular Manufacturing.

ALESSANDRO CROCI

Digital Software Engineer
Tenova S.p.a



**AI for iRecovery[®] System: Leveraging
Digital Technologies for Energy
Efficiency in
Steelmaking**



GIORGIO RICCOMINI

**Master's Graduate Student
Politecnico di Milano**

**Additive Manufacturing in Circular
Economy**

Framework: f3nice Case Study



KATEŘINA KOBRLOVÁ

Master's Degree Student
Czech Technical University in
Prague

**Circularity Enabled by Additive
Manufacturing:
A General Electric Case Study**



ELENA FERNÁNDEZ CALVO

Bachelor's Degree Student
IMH University

**Digital Technology for Recycling
of Waste in
the Steel Sector**



ALESSIO FINO

Bachelor's Degree Student
Politecnico di Torino

**Digital Twins: A catalyst for
developing an
environmentally sustainable
manufacturing**



The winning essays will be featured in the 2021 World Manufacturing Report entitled «Digitally Enabled Circular Manufacturing»





Co-funded by the
European Union



YML Main Event

21 October 2021

WM Week - Villa Erba, Cernobbio