



Young Manufacturing Leaders Main Event

YML Contest for the 2021 WM Report

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Lead Scientific and Strategic Projects

World Manufacturing Foundation



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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
- Originality

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 to be featured in the 2021WM Report and invited to 2021 WM Forum.

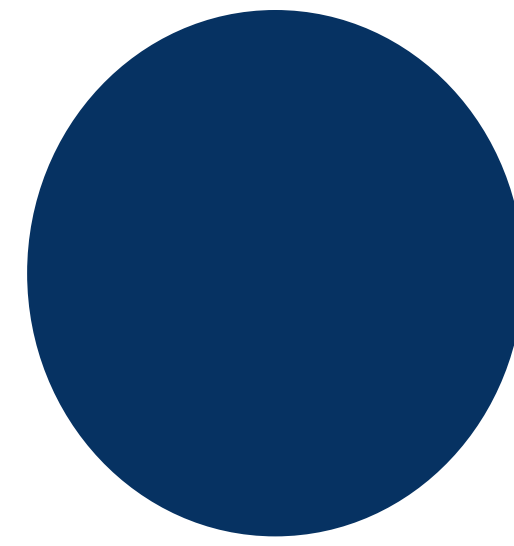
The event will focus on the Long-Term Resilience of Manufacturing and the role of Digital Technologies as an enabler of Circular Manufacturing.



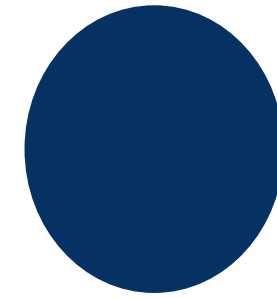
ALESSANDRO CROCI

**Digital Software Engineer
Tenova S.p.a**

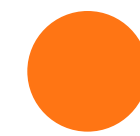
**AI for iRecovery® System:
Leveraging Digital Technologies
for Energy Efficiency in
Steelmaking**



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»

