



YML Contest for the 2022 WM Report

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Politecnico di Milano, World Manufacturing Foundation



WORLD
MANUFACTURING
FOUNDATION



Goals of the Contest

To promote

- . The main trends driving manufacturers to rethink their supply chains in an economically-, socially-, and environmentally- sustainable way
- . Digital technologies to support the redesigning of supply chains

Evaluation criteria

Creativity:

Originality of ideas

Ability to identify case studies or applications

“Wow” factor

Topic Understanding:

Responses adhere to the main topic

Ideas presented to demonstrate critical analysis and thorough understanding of the topic

Overall Structure and Style:

Concise and direct to the point



The winning essays are featured in the 2022 World Manufacturing Report entitled «Redesigning Supply Chains in the New Era of Manufacturing»



ELENA FERNÁNDEZ CALVO

R&D Trainee
Schneider Electric

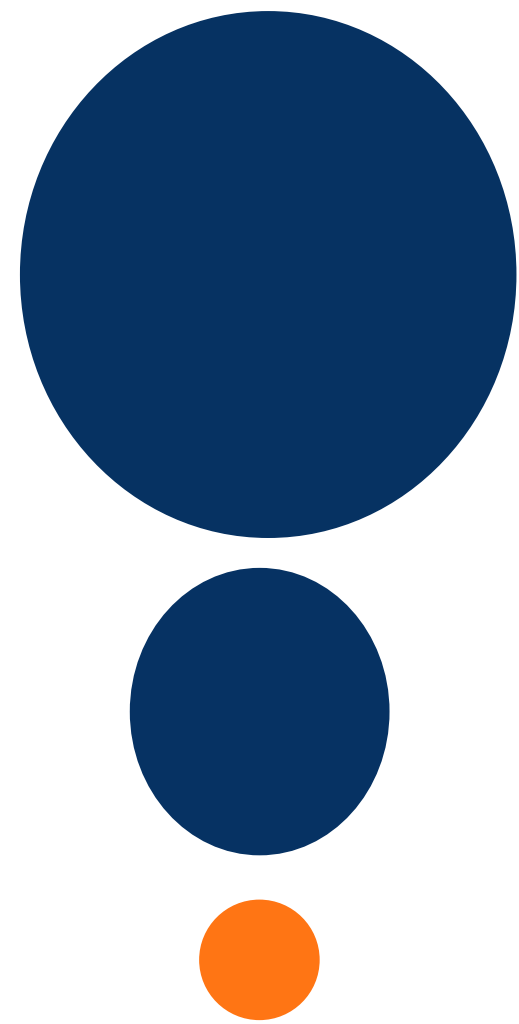
SMART WAREHOUSE:
A place where all data is connected

PAULO VICTOR LOPEZ

PhD student

Chalmers University of Technology, Production
Systems and Maintenance Research Group

**Data-driven Digital Twins to ensure
resilience, sustainability and
technological continuity**



DANUSUYA PACHIMUTHU

Student of Management Engineering
Politecnico di Milano

**Partnerships centered on a combined
supply chain strategy to foster Sustainable
Manufacturing: The case study of a
on-demand “Micro-factory”**

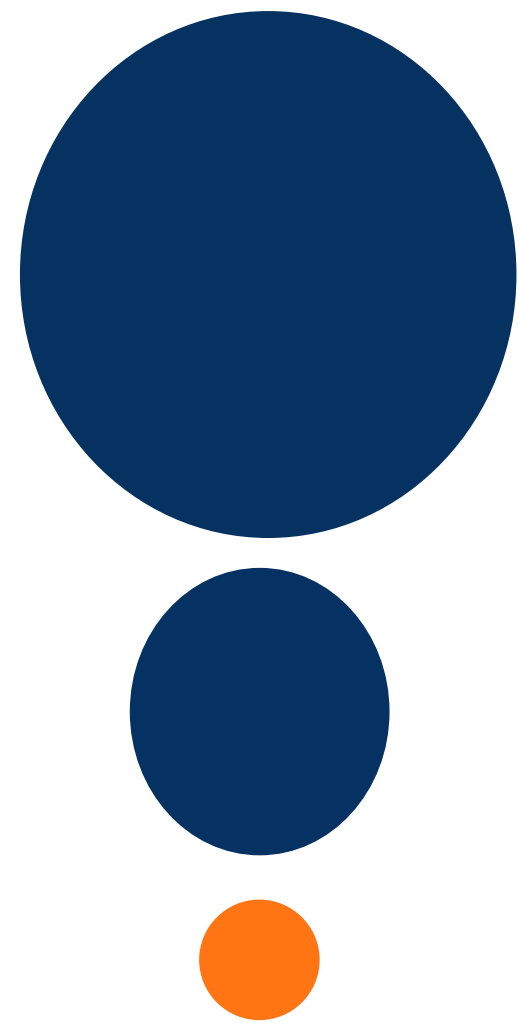
LOÏC RONIN

PhD Student

CODOBIO Project

Politecnico di Milano

**Biorefinery supply chain and
biomass/biowaste valorisation:
the case of polyhydroxyalkanoates**



LUCA TORELLI

EMEA Supply Chain Transformation
Project Manager
EssilorLuxottica

**Redesign an Integrated, Sustainable and Digital
Supply Chain to enhance competitiveness:
EssilorLuxottica Case Study**