



NTNU

Norwegian University of  
Science and Technology

# Self-introduction

## Giulia Collina

Ph.D. Candidate at the Department of Mechanical and Industrial Engineering

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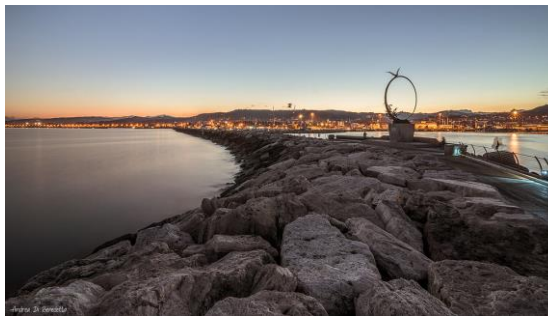
# About me



Ascoli Piceno



San Benedetto del Tronto



1999

2017

# About me



Ascoli Piceno



«Olive all'Ascolana»



# About me

My hobbies:

- Volleyball



- Any other kind of sports



# About my studies

Alma Mater Studiorum – University of Bologna



BSc in Chemical and Biochemical Engineering

MSc in Chemical and Process Engineering

# About my studies



Master's thesis

Giulia Collina

**Consequences associated to the Boiling Liquid Expanding Vapour Explosion for liquid hydrogen tanks: assessment and mitigation**

Master's thesis in Reliability, Availability, Maintainability and Safety  
 Supervisor: Professor Nicola Paltrinieri  
 Co-supervisor: Professor Federico Ustolin, Leonardo Giannini  
 January 2023

NTNU  
 Norwegian University of Science and Technology  
 Faculty of Engineering  
 Department of Mechanical and Industrial Engineering




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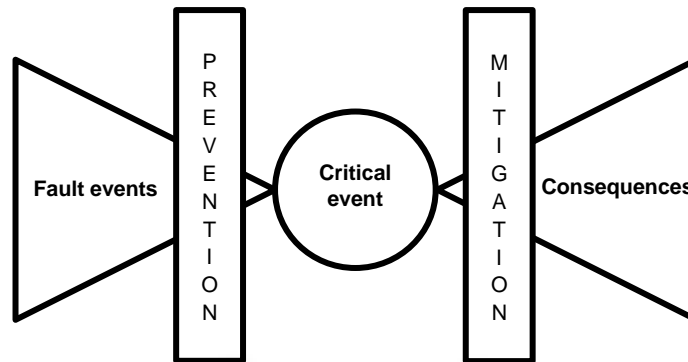


# About my Ph.D.

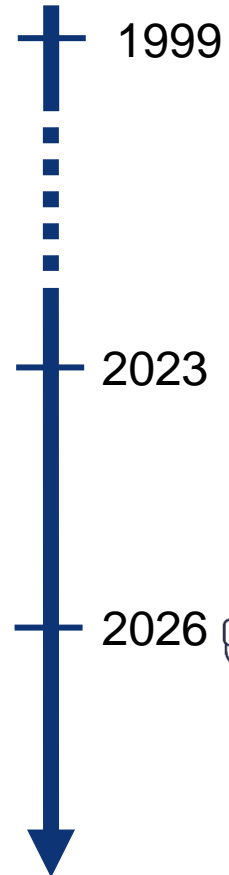
«Loss Prevention and Maintenance Modelling for Hydrogen-based Industry»

H2GLASS - *advancing Hydrogen (H2) technologies and smart production systems TO decarbonise the GLass and Aluminium SectorS*

WP4 – Risk Management and Safety



Risk-based Maintenance





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**Thank you for your attention!**