

Elena Baboi

self - introduction

**PhD candidate at the Department of Mechanical and Industrial
Engineering**

Norwegian University of Science and Technology

About me



Tulcea



Danube Delta



About me



Chemistry



Astronomy



1989

2002 2004 2008



About my studies

Bucharest



- Bachelor in Engineering - Chemical Engineering in English
- Master in Engineering - Chemical Engineering

1989

2008

2011

2012

2013

2014

2015



About my work experience

Surfactants
| Dyes



Food
Engineering

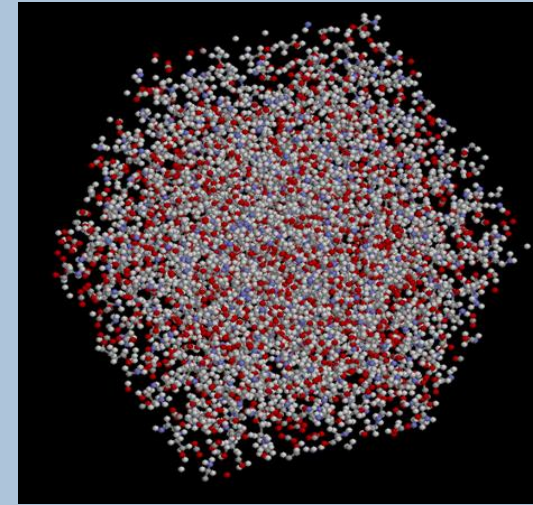


Material
Science |
Biotechnology
| Medical
device



CFD | Bioreactor

Molecular
Dynamics | CCS



1989

2011

2013 2014 2015 2016 2018

About my PhD

- “Safe Operations in Hydrogen-based Industry”
“Trygge operasjoner i hydrogenbasert industri”
- **HyInHeat** (Hydrogen technologies for decarbonization of industrial heating processes)
- **WP3**: *Design of safe and efficient H_2 and O_2 infrastructure, more specifically Task 3.3: H_2 safety training concepts*



1989



2023 2026

About my PhD



“Safe Operations in Hydrogen-based Industry”

- Safety guidelines for normal operations that covers overall H₂ hazard awareness
- Safety guidelines to be used during maintenance operations
- Safety guidelines to be employed during critical events



1989



2023 2026

About me - hobbies

Foreign language learning



1989

1997

2001

2004

2008

2012

Thank you for your attention!