

# Subsea Operations and Equipment

21st April 2023, 9h00–12h00

Aula Studio – Scuola di Ingegneria e Architettura

Via Tombesi Dall'Ova 55, Ravenna



DIPARTIMENTO DI  
INGEGNERIA CIVILE, CHIMICA,  
AMBIENTALE E DEI MATERIALI

Hybrid mode on Virtual Platform



Meeting ID: 313 525 207 035

Passcode: YhCrLe

## Program

9h00 – Welcome and Introduction

9h15 – Oil&Gas Subsea Production Systems

(G. Pereira Drumond, Federal University of Rio de Janeiro, Brazil)



**UFRJ**  
UNIVERSIDADE FEDERAL  
DO RIO DE JANEIRO

**COPPE**  
UFRJ



Short bio: degree in Petroleum Engineering from the Federal University of Rio de Janeiro (UFRJ), Brazil (2013), a Master's Degree in Ocean Engineering from COPPE/UFRJ, Brazil (2015), a PhD in Mechanical Engineering from the University of Lille, France (2019) and a PhD in Ocean Engineering from COPPE/UFRJ, Brazil (2019). Her research activities focus on the area of structural integrity in oil industry facilities, with emphasis on stress analysis, fatigue and corrosion. She works in numerical modeling based on the finite element method. She is currently doing postdoctoral in the Ocean Engineering Program of COPPE/UFRJ, Brazil, on the theme of "Composite Repairs of Corroded Pressure Vessels". She also works in two projects in partnership with PETROBRAS in the theme of subsea engineering.

10h15 – Material selection for pipelines in the Oil & Gas field

(F. Giraldi – Techfem, Italy)



10h45 – Energy Transition

(F. Bonetti, C.A. Baioni – Bourbon Offshore DNT, Italy)



**BOURBON**

11h15 – Pipeline IRM activities case study

(R. Amato, S. Spurio – RANA, Italy)



11h45 – Q&A and Closure