ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF CIVIL, CHEMICAL, ENVIRONMENTAL, AND MATERIALS ENGINEERING

SUMMER SCHOOL

Decommissioning of Offshore Oil&Gas Installations: opportunities for Blue Growth

Ravenna
July 2nd to July 5th 2018

Aula Gershevitch, Palazzo Verdi
via Pasolini 23

FONDAZIONE FLAMINIA
PER L'UNIVERSITÀ IN ROMAGNA

Aims

Decommissioning of offshore Oil&Gas installations is a worldwide issue, since depleted oil fields are present in several very different geographical areas as the Gulf of Mexico, the North Sea and the Adriatic Sea.
Technical problems concerning the safe plugging and abandonment of the offshore wells, as well as the huge cost associated to removal and clean-up of offshore assets are a concern for oil companies and local communities.
However, in coherence with the principles of circular economy, offshore installations should rather be considered a valuable asset for which alternatives for reuse should be considered before removal and/or disposal.
A number of technological alternatives are currently under development for the reuse of the offshore structures, also in the framework of the Blue Growth initiatives promoted by the EU: from well-known rig-to-reef initiatives to integration in renewable energy production strategies or in offshore hybrid generation systems.

The school aims at providing the fundamentals needed to understand the general framework of decommissioning, and at introducing possible cost-effective and sustainable solutions for the reuse and the valorization of the existing offshore assets.

The program mainly addresses the needs of master and Ph.D. students and young professionals aiming at developing new knowledge to cope with decommissioning programs and opportunities.

How to participate

The course is mainly intended for **young professionals, Ph.Ds or graduated students interested to the Offshore sector and the decommissioning scenario.**

Professionals and personnel of regulatory authorities involved in Oil&Gas not familiar to the decommissioning scenario are also warmly invited.

Professional credits will be awarded by "Ordine degli Ingegneri" of Ravenna to the participants interested
All lessons and slides will be in English

Admission Criteria

Participation is free of charge, but registration is required.
Participation will be limited to 30 externals and 10 students of the University of Bologna, selected on a first arrived first served criteria.
An additional number of students of University of Bologna may be considered for admission in case less than 30 externals will register for participation

Deadline for registration is June 25th., 2018.

Registration

If interested, please register to https://eventi.unibo.it/decommissioningoffshore-ravenna-2018/registration-form, and book a seat in the course.

You will receive instructions on how to pay for the participation fee after the registration, based on admission criteria.

Program

Day 1 – July 2nd

9:30 Registration of Participants
10:00 Welcome and Introduction: F. Fava, A. Montanari, V. Cozzani
10:30 Coffee Break
10:45 Prof. Paolo Macini (University of Bologna)
Techniques for safe well plugging and abandonment
13:00 Lunch Break
14:00 Dr. Fabio Coppetti (Eni)
Technologies for platform removal: experience and case-studies
15:30 Prof. David Vega-Maza (University of Aberdeen)
Decommissioning experiences in the North Sea

17:00 End of day 1

Day 2 – July 3rd

9:30 Greta Tellarini (University of Bologna)
Legal issues in decommissioning
11:00 Coffee break
11:15 Dr. Walter Da Riz (RSE and Ministry of Economic Development, Italy)
The Italian regulatory framework for decommissioning
13:00 Lunch break
14:00 Barbara Zanuttigh (University of Bologna)
Multi-use platforms and marine spatial planning
15:30 Valerio Cozzani (University of Bologna)
Offshore hybrid energy systems and valorization of depleted gas fields
17:00 End of day 2

Day 3 – July 4th

9:30 Renata Archetti (University of Bologna)
Offshore Renewable Energy Generation
11:00 Coffee break
11:15 Prof. Peter Frigaard (Aalborg University)
Energy from Waves
13:00 Lunch break
14:00 Prof. Giuliana Mattiazzo (Politechnic University of Turin)
Wave-to-Energy Converters: experiences in the Mediterranean Sea
15:30 Dr. Agnese Paci, University of Bologna
Case-studies and experiences

17:00 End of day 3

Day 4 – July 5th

9:30 Massimo Ponti (University of Bologna)
Rig-to-Reef experiences
11:00 Coffee break
11:15 Prof. Max Troell (Stockholm University) - tbc
Ecological Engineering in Aquaculture
13:00 Lunch
14:00 *Final test for accreditation of professional credits –(optional)*

14:30 Final Round Table and presentation of the International Master in Offshore Engineering (in Italian – venue: Autorità Portuale):
New opportunities for blue growth leveraging on the decommissioning scenario of the Adriatic Sea (invited speakers: MISE; Municipality of Ravenna; ARPAE-ER; Assomineraria/Eni/ROCA; UniBO)

Organizing Committee:

Renata Archetti, Elena Fabbri, Valerio Cozzani, Paolo Macini, Barbara Zanuttigh – Deipartment of Civil, Chemical, Environmental and Materials Engineering, University of Bologna, Italy

Organized in cooperation with

Ravenna Campus of Bologna University
Fondazione Flaminia
AIDIC (Associazione Italiana di Ingegneria Chimica)
AIOM (Associazione Italiana di ingegneria Offshore e Marina)

Staff Contacts

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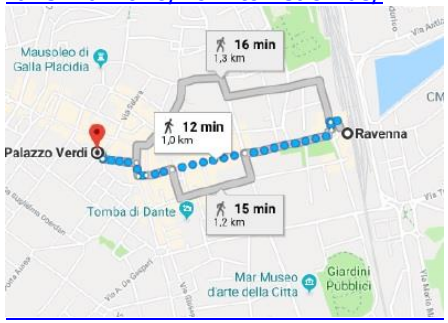
Website:**https://eventi.unibo.it/decommissioningoffshore-ravenna-2018**

Venue

Aula Gershevitch, Palazzo Verdi via Pasolini 23, Ravenna, Italy

How to reach Palazzo Verdi

https://eventi.unibo.it/decommissioningoffshore-ravenna-2018/how-to-reach-us/



When you exit the station, cross the square " Piazza Luigi Carlo Farini" and take "Viale Farini". Go straight on "Viale Farini", "Via Armando Diaz", "Piazza del Popolo", via Santi Muratori. When you arrive in "via Santi Muratori",turn right and take "via Matteotti". Go straight until you'll see, on the left," via Filippo Mordani. At the end of "via Mordani", turn right, take "via Antonio Zirardini" and at the end, turn left on "via Pasolini". Palazzo Verdi is on the right.