

## ***Fundamentals of Offshore Structures (FOS)***

**May 8-12, 2023**

**EN23032**

*Agenda is subject to change*

|                                                   |                                                         |                       |                     |
|---------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------|
| <b>MONDAY</b><br><br><br><br><br><br><b>MAY 8</b> | Introduction                                            | Dr. Spyros Kinnas     | 8:00 AM - 8:30 AM   |
|                                                   | Design and Construction Considerations                  | John Jones            | 8:30 AM - 10:00 AM  |
|                                                   | Break                                                   |                       | 10:00 AM - 10:15 AM |
|                                                   | Design and Construction Considerations                  | John Jones            | 10:15 AM - 11:45 AM |
|                                                   | Lunch                                                   |                       | 11:45 AM - 1:30 PM  |
|                                                   | Platform Design                                         | J. Ward Turner        | 1:30 PM - 3:00 PM   |
|                                                   | Break                                                   |                       | 3:00 PM - 3:15 PM   |
|                                                   | Platform Design                                         | J. Ward Turner        | 3:15 PM - 4:15 PM   |
|                                                   | Frame Analysis                                          | J. Ward Turner        | 4:15 PM - 4:45 PM   |
| <b>TUESDAY</b><br><br><br><br><br><b>MAY 9</b>    | Frame Analysis continued                                | J. Ward Turner        | 8:30 AM - 10:00 AM  |
|                                                   | Break                                                   |                       | 10:00 AM - 10:15 AM |
|                                                   | Introduction to Offshore Geotech Problems               | Dr. Robert Gilbert    | 10:15 AM - 11:45 AM |
|                                                   | Lunch                                                   |                       | 11:45 AM - 1:30 PM  |
|                                                   | Engineering Geology of Offshore Areas                   | Kerry Campbell        | 1:30 PM - 3:00 PM   |
|                                                   | Break                                                   |                       | 3:00 PM - 3:15 PM   |
|                                                   | Offshore Site Investigations<br>& Soil Characterization | Dr. Jean Audibert     | 3:15 PM - 4:45 PM   |
| <b>WEDNESDAY</b><br><br><br><br><br><b>MAY 10</b> | Design of Tubular Members                               | Dr. Ali Sari          | 8:30 AM - 10:00 AM  |
|                                                   | Break                                                   |                       | 10:00 AM - 10:15 AM |
|                                                   | Tubular Joints                                          | Dr. Ali Sari          | 10:15 AM - 11:45 AM |
|                                                   | Lunch                                                   |                       | 11:45 AM - 1:30 PM  |
|                                                   | Offshore Soil Mechanics                                 | Dr. Atef "Adam" Saleh | 1:30 PM - 3:00 PM   |
|                                                   | Break                                                   |                       | 3:00 PM - 3:15 PM   |
|                                                   | Offshore Pile Installation                              | Dr. Atef "Adam" Saleh | 3:15 PM - 4:45 PM   |
| <b>THURSDAY</b><br><br><br><br><br><b>MAY 11</b>  | Axial Capacity of Piles                                 | Dr. Atef "Adam" Saleh | 8:30 AM - 10:00 AM  |
|                                                   | Break                                                   |                       | 10:00 AM - 10:15 AM |
|                                                   | Lateral Load Design                                     | Dr. Atef "Adam" Saleh | 10:15 AM - 11:45 AM |
|                                                   | Lunch                                                   |                       | 11:45 AM - 1:30 PM  |
|                                                   | Offshore Slope Stability                                | Dr. Robert Gilbert    | 1:30 PM - 3:00 PM   |
|                                                   | Break                                                   |                       | 3:00 PM - 3:15 PM   |
|                                                   | <b>Networking</b>                                       |                       | 3:15 PM - 4:45 PM   |
| <b>FRIDAY</b><br><br><br><br><br><b>MAY 12</b>    | Service Failures                                        | Dr. Karl Frank        | 8:30 AM - 10:00 AM  |
|                                                   | Break                                                   |                       | 10:00 AM - 10:15 AM |
|                                                   | Fracture Mechanics & Fatigue                            | Dr. Karl Frank        | 10:15 AM - 11:45 AM |
|                                                   | Lunch                                                   |                       | 11:45 AM - 1:30 PM  |
|                                                   | Certification of Platforms                              | Rodney Deschamps      | 1:30 PM - 3:00 PM   |
|                                                   | Break                                                   |                       | 3:00 PM - 3:15 PM   |
|                                                   | Certification of Platforms continued                    | Rodney Deschamps      | 3:15 PM - 4:45 PM   |
|                                                   | <b>Graduation/Photos</b>                                |                       | 4:45 PM - 5:15 PM   |