

## **Aim:**

To consider the role of education and continuing professional development in contributing to the long term care of offshore marine environment at all phases of a ship's and an offshore installation's life-cycle.

## **Day 1:**

1200 – 1300

**Light buffet lunch**

## **Opening**

1300 – 1400

**Welcome messages and key note address**

Chair: Cheng Kuo University of Strathclyde

*Strathclyde University:* Associate Deputy Principal Val Belton

*SNAME:* President Peter Noble

Keynote address: Dr Kirsi Tikka, President of ABS Europe

## **Session 1**

1400 – 1530

**Status of environmental care**

Chair: Cheng Kuo, University of Strathclyde

Presentation 1.1: "Present approach to environmental care in the marine industry"

Douglas Lang, Anglo Eastern Ship Management

Presentation 1.2: "Present approach to environmental care in the offshore industry"

Michelle Horsfield, BP

Presentation 1.3: "International regulatory trends and the potential for enhanced contribution from the education sector"

Gillian Reynolds, Environment and Sustainability Consultants

Discussion

## **Session 2**

1530 – 1600

**Groups discussing key COME issues**

Chair: Chris McKesson, SNAME & UBC Vancouver

*Introductions by group leaders on their themes*

Issue 2.1: How can teaching contribute to the care of offshore marine environment?

Leader of group: *Philip Sayer, University of Strathclyde*

Issue 2.2: What attributes should graduates have?

Leader of group: *Fai Cheng, Lloyd's Register*

Issue 2.3: What is a desired balance between theory, experiments and computer software for teaching?

Leader of group: *Iain MacLeod, Institution of Engineers and Shipbuilders in Scotland*

Issue 2.4: What may be the role of human factors and human resources teams?

Leader of group: *Ellie Lessels, DNV-GL*

Issue 2.5: How can a positive COME culture be generated?

Leader of group: *Richard Speight, Consultant*

1600 – 1615

**Tea and coffee break**

1615 – 1730

**Group Discussion**

1730- 1800

**Feedback of Session 2 group discussion findings**

1830

**Buffet dinner**

## **Day 2:**

## **Session 3**

0900 -1030

**Illustrative examples of COME**

Chair: Peter Lai, Saipem Ltd

Presentation 3.1: Typical example of COME in marine application.

Soeren Vinther Hansen, ABS

Presentation 3.2: Typical examples of COME in ship design.  
Chris McKesson, SNAME & UBC Vancouver

Presentation 3.3: Pelamis - care of marine environment from concept  
through to implementation  
Andrew Scott. Pelamis Wave Limited

Discussion

1030 – 1100

**Coffee Break**

**Session 4**  
1100– 1200

**Future COME views from young people**  
Chair: Ema Muk-Pavic, University College, London

*Views from young persons on achieving effective COME in the future:*

4.1 Peter Dow, Babcock International

4.2 Joel Perez Osses, University College London

4.3 Song Wang, Chicago Bridge and Iron

Plus others

Discussion

**Session 5**  
1200 – 1245

**Ways forward and feedback**  
Chair: Atilla Incecik, University of Strathclyde

5.1 Contributions of education and CPD to meeting the challenge of care of offshore marine environment. *Chengi Kuo (University of Strathclyde)*

5.2 M Tech a case example of CPD (Continuing Professional Development)  
*Philip Wilson of Southampton University, Ema Muk-Pavic, UCL and Song Wang of Chicago Bridge & Iron.*

Discussion

1245 – 1300

**Real time feedback on the workshop**

1300

**The end of workshop and light buffet lunch**