

## **TUESDAY, May 1st, 2024:**

- 8.30 - 9.00am      Registration Desk & refreshments
- 9.00 - 9.30am      **Welcome address**  
CAPT Danny van den Bosch, *Royal Netherlands Navy*
- 9.30 - 10am        Keynote speaker Submarine Life Support applied respiratory physiology  
Jos Bogaert
- 10 - 10.30am        Presentation 1 A brief history of submarine air quality  
*Wally Mazurek*
- 10.30 - 11am        **Refreshments**
- 11am - 12 noon      Presentation 2 Lithium Hydroxide Reactive Polymer Curtain Removal  
of Chlorine and Carbon Dioxide in Distressed Submarine” Charles Cummings
- 12 - 12.30pm        Presentation 3 The design, Construction and testing of a new cartridge  
scrubber for small submersibles by Tom Daley Micropore.
- 12.30 - 1.30pm      **Lunch**
- 1.30-2pm            Presentation 4 Comparison of Wet Amine vs. Dry Amine  
Nathan Stevenson
- 2 - 2.30pm          *Presentation 5 Integrating chemical oxygen generators into existing  
platforms Pete Hutchinson*
- 2.30 - 3pm           **Refreshments**
- 3 - 3.30pm           Presentation 6 SARS-CoV-2 Pandemic and the submarine service  
Lucio Ricciardi
- 3.30 – 4.00pm        Presentation 7 “Research into Alternative Adsorbents for Atmospheric  
Control of Monoethanolamine and Ammonia on Royal Navy submarines” Edward Harris
- 4.00 – 4.30pm        Presentation 8 Setting appropriate limits for atmosphere control, to  
protect submariner health. Tina Goodall
- 4.30 – 5.00pm        Presentation 9 Li-ion batteries in submarines  
Viola Nilson
- 5pm - 8pm           **Evening reception – in foyer conference centre**

## **WEDNESDAY, May 1st, 2024:**

### **Anouncements**

- 9.00 – 09.30am      Presentation 15 . Atmosphere Monitoring of 30 gasses  
                                 Nathan Stevenson
- 9.30 – 10.00am      Presentation 10 . SEAL Gas Emergency Scrubber Patrick Fuller
- 10 - 10.30am          Presentation 11 A universal passive dosimetry badge for monitoring  
                                 exposure to VOCs in the submarine atmosphere. David Fothergill
- 10.30 - 11am          **Refreshments**
- 11am - 11.30am      Presentation 12, Anep 86  
                                 Tina Goodall
- 11.30 - 12 noon      Presentation 13, Discussion on Anep 86  
                                 Jos Bogaert
- 12 noon - 12.30      Presentation 14 History of Naval establishment Amsterdam  
                                 *Commander Naval Barracks*
- 12.30 - 1.30pm      **Lunch**
- 1.30 pm Return to host hotel,
- 2.00 – 5.00pm          Visit Maritime Museum
- 5.30pm – 7.00pm      Boattrip          from Maritime Museum
- 7.00 pm – 10.00 pm      Dinner at restaurant in Conference centre

## **THURSDAY, May 2nd, 2024**

### **Anouncements**

9.00 – 10.30am Break out session,  
Industry discussion led by Molecular Products, Micropore , JFD and Analox

10.30 - 11am **Refreshments**

11.00 – 11.30am Presentation 16 Retaining corporate knowledge  
Tina Goodal

11 30 - 12.00am Presentation 17 Cepeda  
Roger Jolly

12.00 – 12 30 Presentation 18 Effects of environmental carbon dioxide on  
transcutaneous carbon dioxide and cognitive functions in submariners  
Ninian Melville

12.30 - 1.30pm **Lunch**

1 30 – 1.45pm Open forum discussion on the future of Samap beyond 2024  
*Facilitated by W Mazurek , J Bogaert and V Pigg*

1.45 – 2.00pm Location next SAMAP in 2026

2.00 – 2.15pm Closing speeches  
*W.Mazurek*