



Partnership for
Observation of the Global Ocean



@POGO_Ocean #POGO24

AGENDA

POGO-24

and Side Meetings

Hosted by

Institut Français de Recherche pour l'Exploitation de la Mer

Centre Ifremer de Méditerranée

Toulon, France

23-26 January 2023



Ifremer

Agenda

24th POGO Annual Meeting (POGO-24) and Side Meetings

Venues:

*Casino JOA de La Seyne, 340 Cours Toussaint Merle, 83 500 La Seyne-sur-Mer
(24th & 25th Jan)*

and

*Centre Ifremer de Méditerranée, Zone Portuaire de Brégaillon, 83 500 La Seyne-sur-Mer,
(26th Jan)*

Week at a glance

	Mon 23 Jan	Tues 24 Jan	Wed 25 Jan	Thurs 26 Jan
	Ice-breaker reception	POGO-24 Open Meeting <i>(Venue: Casino JOA, Salle de Spectacle)</i>	POGO-24 Open Meeting <i>(Venue: Casino JOA, Salle de Spectacle)</i>	POGO AGM (members only) <i>Venue: Ifremer Mediterranean Centre, Meeting room CETSM</i> & Excursion (all participants)
Morning		9:00 – 13:00 Plenary session	9:00 – 12:00 Plenary session	8:30 – 12:30 Closed session
Lunch		Lunch for delegates provided on-site	Lunch for delegates provided on-site	Lunch for AGM delegates provided on-site + Tour of underwater systems
Afternoon		14:30 – 17:00 Plenary session	13:30 – 17:30 Plenary session	14:00 – 16:00 Closed session
		17:00 – 19:00 Poster sessions & Industry Networking		16:15 Vineyard tour <i>(Domaines Bunan La Cadière)</i>
Evening	19:00 – 21:00 Ice-breaker All delegates <i>(Venue: Musée national de la Marine)</i>	19:00 – 22:00 Conference Dinner SPLUJ theatre performance <i>(Venue: Casino JOA)</i>	19:00 – 21:30 Members' dinner <i>(AGM attendees only, Venue: La Fabbrica di Marco)</i>	20:00 – 22:00 Board dinner <i>(Venue: Racines)</i>

Social Events & Logistics

Transport info & Emergency phone numbers

Ferry departure: [Station Maritime de Toulon](#)

Local contacts: Claudiane Chevalier +33 (0)614 343 313 Vincent Rigaud +33 (0)607 355 663
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Monday 23rd January

Musée national de la Marine
[Place Monsenergue, Quai de Norfolk, 83 000 Toulon, France](#)

19:00 – 21:00 Ice-breaker reception
20:30 – 21:00 Guided tour of the museum

Tuesday 24th January

Casino JOA de La Seyne
[340 Cours Toussaint Merle, 83 500 La Seyne-sur-Mer](#)

17:00-19:00 Poster session
19:00 – 20:30 Dinner
20:30-22:00 SPLUJ Theatre Performance:

Spluj means dive in Breton... and it is really in a first dive that Teatr Piba invites the audience to discover the ocean depths. Wearing headsets and eye masks, the spectators are comfortably installed in deckchairs to experience the adventure of a research cruise on the oceanographic vessel Pourquoi-pas? in a sensorial manner. Extracts from David Wahl's logbook from the MoMARSAT 2017 cruise are narrated live by two actors, alongside sounds installations representing life on board.

The creative project Donvor/Deep Thoughts began in 2016 when Teatr Piba artists met scientists Pierre-Marie Sarradin and Jozée Sarrazin, who lead the 'Deep-Sea Lab' at Ifremer in Brest. Together, they embarked in a long-term adventure linking art & science.

Wednesday 25th January (AGM attendees only)

La Fabbrica di Marco
[54 Rue Alezard, 83 000 Toulon](#)

19:00-21:30 Dinner
Note: POGO will cover 30% of the cost of the set menu as an advance payment; the remaining 70% and any extras will be at the expense of the delegates.

Thursday 26th January (trustees and invitees only)

Racines
[9 Rue Corneille, 83 000 Toulon](#)

20:00-22:00 Dinner

POGO Open Meeting (POGO-24)

24th–25th January 2023

Venue:
Casino JOA de la Seyne
340 Cours Toussaint Merle, 83 500 La Seyne-sur-Mer

Tuesday 24th January

- 8:00** **Transport by boat from “Station Maritime de Toulon” to meeting venue**
- 8:30 – 9:00** **Registration and welcome coffee**
- 9:00 – 9:30** **Opening session (Chair: Vincent Rigaud)**
- Welcome from Ifremer: Francois Houllier (Ifremer CEO)
 - Commissaire général Thierry de La Burgade, Adjoint au Préfet Maritime de la Méditerranée
 - Olivier Poivre d’Arvor, Ambassador for the Poles and Maritime Issues (*remote*)
 - Remarks from the POGO Chair: Nick Owens
 - Closure of formal opening session
- 9:30 – 9:35** **Meeting logistics (Hosts and Secretariat)**
- 9:35 – 11:00** **Showcase of oceanography and ocean observing in France (Chair: Richard Sempéré)**
- 9:35 Towards a French Ocean Observing System FrOOS (Pierre-Yves Le Traon, Mercator Ocean International, *remote*)
- 9:55 Coastal observation project highlights (Guillaume Charria & Alain Lefebvre (*hybrid*), Ifremer)
- 10:15 From deep sea to space: Le Laboratoire Sous-marin Provence Méditerranée (Paschal Coyle, INSU/CNRS)
- 10:35 The Data Terra Research Infrastructure: Integrated Earth System Observation (Frédéric Huynh, IRD)
- 10:55 Q&A
- 11:00 – 11:30** **Group photo and Coffee break**
- 11:30 – 13:00** **Updates on POGO activities (Chair: Jan Mees)**
- 11:30 Highlights (Nick Owens)
- 11:45 Progress Report (Sophie Seeyave/Lilian Krug/Fiona Beckman)
- 12:15 Updates on POGO Projects & WGs:
- IQOE (Lucia Di Iorio, Univ. Perpignan)
 - NANO-DOAP (Subrata Sarker, SUST)
 - Data Acquisition in Gulf of Guinea (Nubi Olubunmi Ayoola, NIOMR)
 - COLLECT (Ana Catarino, VLIZ, *remote*)

- OpenMODs (Eva-Maria Brodte, AWI, *remote*)
- ERIKA (Eva-Maria Brodte, AWI, *remote*)
- SEAGRASS (Aileen Tan Shau Hwai, CEMACS, *remote*)

13:00 – 14:30 **Lunch** (*Venue: Le Comptoir JOA, 4th floor*)

14:30 – 16:00 **Thematic Session 1: Deep Ocean Observations for Science, Conservation and Management (Co-chairs: Jozée Sarrazin & Takeshi Kawano)**

- 14:35 Data needs for conservation in the highseas under the BBNJ regime (Denis Bailly, Univ. Brest, *remote*)
- 14:45 Global and full-depth ocean monitoring: the Deep-Argo array (Damien Desbruyères, Ifremer, *remote*)
- 14:55 EMSO France (Laurent Coppola, CNRS/ EMSO France)
- 15:05 An overview of 12 years of deep ocean observation, example of EMSO Azores observatory (Pierre-Marie Sarradin, Ifremer)
- 15:15 Recent deep ocean studies at JAMSTEC (Takeshi Kawano, JAMSTEC)
- 15:25 Global and full-depth ocean measurements from the Ocean Observatories Initiative (Jim Edson, WHOI)
- 15:35 Ocean Networks Canada (Benoît Pirenne, *remote*)
- 15:45 Deep Ocean Observing Strategy (Leslie Smith, DOOS, *remote*)

16:00 – 17:00 **Introduction of new/emerging initiatives by members (Chair: Nick Owens)**
2min per member, slides to be provided only in background materials.

17:00 – 19:00 **Poster Sessions, Industrial Networking & Coffee break**

19:00 – 20:30 **Conference Dinner** (*Venue: Le Comptoir JOA, 4th floor*)

20:30 – 22:00 **Theatre performance SPLUJ*** (*Venue: Casino JOA*)

22:00 **Return boat transfer from Casino JOA to Toulon city centre**

* See details on p. 3 at the start of the agenda.

Wednesday 25th January

8:30 **Transport by boat from “Station Maritime de Toulon” to Casino JOA**

09:00 – 10:00 **Introduction of new and selected members and partners (Chair: Nubi Olubunmi Ayoola)**

9:00 Institut de Recherche pour le Developpement (Olivier Pringault)

9:15 Second Institute of Oceanography (Yuntao Wang, *remote*)

9:30 RENOVATE Project: A holistic approach to marine ecosystem restoration (Marco Marcelli)

9:45 Global Ocean Observing System – GOOS (Toste Tanhua)

10:00 – 10:30 **Coffee break**

10:30 – 12:00 **Thematic Session 2: Societal Applications of Digital Twins (Co-chairs: Martin Visbeck & Gilles Lericolais)**

10:35 Digital Twins: What do we have and what do we need? (Alain Arnaud, Mercator, France)

10:50 Digital Twin Ocean and its Applications for China Coastal Region (Fei Chai, Xiamen University, China)

11:05 Applying Digital Twin techniques to the natural environment (John Siddorn, NOC, UK, *remote*)

11:20 A Coral Reef Digital Twin (Anne Cohen, WHOI, USA, *remote*)

12:00 – 13:30 **Lunch (Venue: Le Comptoir JOA, 4th floor)**

13:30 – 15:00 **Thematic Session 3: Coastal Ocean Observations (Chair: Francisco Arias)**

13:35 REMARCO: Marine-Coastal Research Stressors Network for Latin America and the Caribbean (Ana Carolina Ruíz, REMARCO, Mexico, *remote*)

13:50 REDCAM - Surveillance Network for the Conservation and Protection of Marine and Coastal Waters of Colombia (Karen Ibarra, INVEMAR, Colombia, *remote*)

14:05 Update on European coastal observation network JERICO (Laurent Delauney, Ifremer, France)

14:20 *Discussion*

15:00 – 15:30 **Poster Sessions & Industrial Networking
Coffee break**

15:30 – 17:00 **Thematic Session 4: POGO member involvement in OBON (Co-Chairs: Margaret Leinen & Francisco Chavez)**

15:35 Update on OBON (Margaret Leinen, Scripps, USA)

15:50 Scientific and societal applications of eDNA and other biomolecular observations (Francisco Chavez, MBARI, USA)

16:05 Understanding the technical challenges to develop eDNA sampling using autonomous vehicles – introducing WCO-BON (Willie Wilson, MBA, UK)

16:15 Better Biomolecular Ocean Practices (BeBOP) (Katie Pitz, MBARI, USA, *remote*)

16:25 *Discussion*

17:00 – 17:15 **Presentation of venue for POGO-25 (Carmen Paniagua)**

17:15 – 17:30 **Plenary Meeting Closure (Nick Owens)**

17:45 **Return boat transfer from Casino JOA to Toulon city centre**

19:00 – 21:30 **Members’ Dinner (AGM attendees only)
Venue: La Fabbrica di Marco**

POGO Annual General Meeting

(POGO members only)

Thursday 26th January

*Venue: Centre Ifremer de Méditerranée
Zone Portuaire de Brégaillon, 83500 La Seyne-sur-Mer, France
Meeting room CETSM*

See separate agenda for details.

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| 8:00 | Transport by boat to Ifremer Centre |
| 8:30 | Meeting Start |
| 10:30 – 11:00 | Coffee break |
| 12:30 – 13:30 | Lunch (AGM delegates only) |
| 13:30 – 14:00 | Visit of Ifremer under water Systems |
| 16:00 | Meeting End |
| 16:15 – 18:15 | Vineyard Tour – Domaines Bunan
(open to all delegates, registration required)
Transport by bus to the Vineyard and return to Toulon centre |

POGO Board of Trustees Meeting

*Venue: Centre Ifremer de Méditerranée
Meeting room CETSM*

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| 16:15 | Meeting Start |
| 17:30 – 17:45 | Break |
| 19:00 | Meeting end
Transport by private bus to Toulon centre |
| 20:00 | POGO Board Dinner |