

## 4.2.2. Proposal for Ocean Science Day at IOC 32 – 22 June 2023

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**‘The objective of the Ocean Science Day is to further increase the visibility and understanding of ocean science, current challenges and emerging issues.’**

**(<https://oceanexpert.org/document/15489>)**



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### Organized around 3 themes:

- Global Nutrient Modeling or the LME Concept : IOC Anton Bruun Memorial Lecture, 2023. Candidate to be discussed.
- Ocean change - adaption and mitigation opportunities and challenges. Panel Event.
- IOC in the UN Decade incl IOC M. Ruivo Memorial Lecture, 2023.

To be discussed: IOC N.K. Panikkar Memorial Lecture, 2023.

Challenge: time!

**Additionally:** Tribute to Patricio Bernal



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### **Anton Bruun Memorial Lecture:**

*The Anton Bruun Memorial Lecture Series is dedicated to ....speakers **in the fields of solid earth studies, physical and chemical oceanography and meteorology, and marine biology.***

**Candidate 1: Alexander Bouwman**, (age 67) University of Utrecht, Netherlands. **Title:** 'Nutrient Pollution - The forgotten parameter'. **Nominated by:** The Secretariat

**Justification:** In recognition of his outstanding contribution to understand and model global flux of nutrient from land based sources to the Ocean. *Links to SDG 14.1.1. and Economist – Nippon Foundation Initiative.* See CV annexed.

**Candidate 2: Ken Sherman** (age 91) retired from US NOAA. **Title:** The LME Concept.

**Nominated by:** Secretariat

**Justification:** In recognition of his role in the development of the concept of “large marine ecosystems” or LMEs as a way to manage large areas of the ocean by identifying distinct ecosystems based on their bathymetry, currents, productivity and food webs. See CV annexed.

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### ***Pannikar Memorial Lecture:***

*“Dr. Panikkar Lecture” “to address capacity building in marine science issues at regional and/or national levels”.*

**Candidate 1: Atanas Palazov** Bulgarian Academy of Sciences, The Fridtjof Nansen Institute for Oceanology, Sofia, Bulgaria. Professor and Managing Director. **Title:** "Building Capacity towards Operational Oceanography in the Black Sea". **Nominated by:** Permanent Delegation of the Republic of Bulgaria to UNESCO (in 2021).

**Justification:** Dr. Palazov has made a significant contribution to the development of capacity for operational oceanography in the Black Sea, through the development of monitoring systems, coordination and participation in operational oceanography' projects, organization of workshops and trainings and participation in the management bodies of the GOOS. Dr. Palazov is a member and Chair of the BlackSeaGOOS. He was IOC Vice chair 2011-2015.

**Alternative:** Ken Sherman?



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### ***M. Ruivo Memorial Lecture: TBD by DCU***

*The Executive Secretary informed the Assembly of a joint initiative with EurOcean and Portugal to establish the Mário Ruivo Memorial Lecture.*

*The Memorial Lecture would be anchored within the Early Career Ocean Professional Programme that has recently been endorsed as an action of the Ocean Decade.*

A call for applications is currently open and will close mid January. The candidate to deliver the Lecture will be selected by the selection committee in April.



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### Science Panel Event:

#### *Ocean change - adaption and mitigation opportunities and challenges*

#### Event description:

Rising CO<sub>2</sub> levels in the atmosphere due to the use of fossil resources are not without consequences for the ocean, causing ocean acidification, increasing temperatures, a decline in oxygen, rising sea-level & extreme weather events impacting ocean & human life. However, while the ocean is experiencing these changes it also provides **opportunities for adaptation to and mitigation of ocean and climate change impacts. This event will allow to assess the potential of these actions, risks & benefits.**



## 4.2.2. Tribute to Patricio Bernal at IOC 32 – 22 June 2023

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- **Dialogue with Perm Del Chile**
- **Time during IOC-32 to be decided**
- **Possibly invite his widow**