



Einstein Telescope Observational Science Board (OSB)

Michele Maggiore and Marica Branchesi

ET Monthly Meeting, Feb. 13, 2024

structure of the ET monthly meetings:

- a general update of OSB activities (OSB chairs)
- an update from a division
today div 4 (Multimessenger observations)

and/or presentation of a paper of special interest

see the ET-TDS for the previous presentations (div1, div2, div3, div6)

Recent changes in the OSB organization

- Ed asked to step down as OSB Chair
(thanks for all the work done!)
a new Chair will soon be appointed
- first 2-yr term of division coordinators expired
new team is in place (some renewals, some new entries)

Many thanks to the coordinators that completed their
mandate!!

new structure of the OSB

- **Div1: Fundamental Physics**

Chris van den Broeck, Paolo Pani, Rafael Porto

- **Div2: Cosmology**

Archisman Ghosh, Mairi Sakellariadou, Angelo Ricciardone

- **Div3: Population studies**

Giulia Cusin, Michela Mapelli, Antonio Riotto

- **Div4: Multimessenger observations**

Giancarlo Ghirlanda, Andrew Levan, Susanna Vergani

- **Div5: Synergies with other GW observatories**

Monica Colpi, B. Sathyaprakash, Samaya Nissanke, Nicola Tamanini

- **Div6: Nuclear Physics**
Tim Dietrich, Tanja Hinderer, Michaela Oertel
- **Div7: Stellar collapse and isolated neutron stars**
Ik-Siong Heng, Marco Limongi, Cristiano Palomba
- **Div8: Waveforms**
Laura Bernard, Harald Pfeiffer, Patricia Schmidt
- **Div9: Scientific potentials of different detector configurations, and common tools**
Michal Bejger, Michele Mancarella, Andrea Maselli
- **Div10: Data analysis platform**
Elena Cuoco, Gianluca Guidi, Anuradha Samajdar, Tania Regimbau

“Blue Book”

- all divisions presented the status of their chapter at the Annual Meeting in Orsay (November)
- intense work going on in all divisions
- mature draft expected by the summer