# Third TAPIOCA meeting

# 6th ABRACOS meeting

**June 05-06, 2019 - CEERMA, - CEERMA Amphitheatre, UFPE, Recife, Brazil**

## Programme

**Day 1: June 05**

| Time | Activity | Expositor |
|---|---|---|
| 09:00 | LMI TAPIOCA - Introduction | Moacyr Araujo, Arnaud Bertrand |
| 09:20 | Axis 1 | Alex da Silva, Fabrice Hernandez, A. Bertrand |
| 09:40 | Axis 2 | Flavia Lucena-Frédou, Sophie Bertrand |
| 10:00 | TAPIOCA Animation | M. Araujo, A. Bertrand |
| 10:20 | Coffee | |
| 10:45 | TAPIOCA Dissemination | Cristiano Lopes, Tonia Capusano |
| 11:15 | Discussions | All |
| 12:20 | **Lunch: TAPIOCA party** | |
| 13:20 | Introducing the 6th ABRACOS Meeting - Science and Data flow status, methods | A. Bertrand |
| 14:00 | **Invited Talk 1:** Overview of mesoscale / submesocale studies in the Peruvian Upwelling System | François Colas (IRD/LOCEAN) |
| 14:35 | **Invited talk 2:** On fish life history traits for fisheries management and conservation | Fabrice Duponchelle (IRD/MARBEC) |
| 15:10 | **Introduction to Session 1**: Seasonal variability of thermohaline vertical structure (stratification) and impact on ecosystem function from phytoplankton to top predators | |
| 15:15 | Link between North Equatorial Counter Current and ITCZ migration | Minto Dimoune |
| 15:35 | Coffee | |
| 15:50 | Near-shore circulation in the Northeast Brazil from SADCP data | Nathanael Dossa |
| 16:10 | Thermohaline structure in the western tropical south Atlantic | Ramilla Assunção |
| 16:30 | Oxygen content in the western Tropical Atlantic: future steps | Julia Galetti |
| 16:45 | Distribution, Connectivity and Stable Isotope of the zooplankton in the Neritic and Oceanic Tropical Atlantic | Simone Lira (Gabriela Figuereido) |
| 17:15 | End of the first day | |

**Day 2: June 06**

| Time | Activity | Expositor |
|---|---|---|
| 09:00 | **Session 1:** continuation | |
| 09:10 | Spatial patterns in pigments and phytoplankton abundance and diversity | Gabriel Bittencourt |
| 09:30 | Mesopelagic fish taxonomy, distribution and preliminary relationships with abiotic parameters | Leandro Nole |
| 10:00 | Synthesis Session 1 | All |
| 10:15 | **Introduction to Session 2:** Offshore and inshore connection, processes at the shelf-break and hotspots | |
| 10:20 | Mixing from CTD data, ABRACOS 1 & 2 Comparison with high resolution models | Marcus Silva for Ariane Koch-Larrouy |
| 10:30 | Coffee | |
| 10:50 | What can we learn from a magic square at the shelf break? From local to global processes | Syumara Queiroz |
| 11:20 | Demersal fishes distribution and connectivity: current knowledge and perspectives | Leandro N. Eduardo, Catarina Cardoso, Rodrigo F. Bastos, Jacqueline Barros |
| 12:00 | Connectivity from the body shape perspective of demersal fishes of NE Brazil - Application of Elliptical Fourier analysis | Josafá Reis Júnior |
| 12:20 | Synthesis session 2 | |
| 12:30 | **Lunch: Feijoada** | |
| 13:40 | **Introduction to Session 3:** Island effect and impact on physicochemical properties and marine life | |
| 13:50 | Towards a 3D representation of fish distribution around Fernando de Noronha | Julie Salvetat |
| 14:20 | Fishers and seabirds spatial dynamics | Sophie Bertrand |
| 15:10 | Synthesis session 3 | |
| 15:30 | Coffee | |
| 15:50 | General Discussion and perspectives | All |
| 17:00 | End of the Meeting | |
| 17:10 | Steering Committee of the LMI TAPIOCA | |