

Argo Data visualization DO-A-THON.

Background:

The Argo data set offers unique opportunities for data display developments to meet users needs and promote the program.

However, development efforts are not addressing all the requirements for a large variety of users.

They are not internationally coordinated, and often very softly funded.

We do need to work together to integrate and move forward the Argo data display tools to the next generation.

Objectives:

- Review the requirements for Argo monitoring, data discovery, visualization, access, APIs, etc.
- Review the existing initiatives and development efforts worldwide and identify their strengths, weaknesses, opportunities and threats.
- Think out-of-the-box and set new challenges
- Structure and prioritize the current and future developments with a decentralized and **cooperative approach**
- Build a team of experts to deliver along a defined work plan

Logistics:

Workshop will be held aside of the yearly Argo Data Management Team meeting on 13-14 October 2019 in Villefranche sur mer (France).

<http://www.argo.ucsd.edu/AcADMT-20.html>

Internet Connection:

SSID: imev-admt

Password: 888lov-admt888

OR

EDUROAM

Information:

Speakers are invited to provide:

- a brief live demonstration of their developments
- a clear identification of the targeted audience
- the key elements set up for interoperability
- a SWOT analysis of their developments

Attendees are invited to:

- test the different web interfaces before the meeting (brief SWOT analysis)
- take notes during morning presentations to fuel the working group discussions in particular to improve existing services.

Agenda

Start at 8h00

DAY1 morning 3.30h + 30 min break

- **Welcome and Meeting Objectives 30 min** (*M. Scanderbeg, M. Belbéoch*)

- **Argo visualization showcases 3h, 20 min for each item**
 - International Argo
 - Argo GDACs web based services (*T. Carval*)
 - [JCOMMOPS monitoring system](#) (*M. Belbéoch*)
 - [EuroArgo at-sea monitoring & Upcoming developments](#) (*R. Cancouët*)

 - National/Regional Argo (e.g. DACs, ARCs, Labs)
 - [Argovis](#) (*T. Tucker, D. Giglio, M. Scanderbeg*)
 - [Canada OceanNavigator](#) (*A. Tran*)
 - [Indian Argo Tableau](#) (*Uday*)

 - Third parties (individuals, private, education, museums, etc)
 - CLS Visualization tool (*M. Lucas*)
 - [argo.nullschool.net](#) (*C.Beccario, A. Barna, C. Berys-Gonzalez*)
 - Villefranche/Monaco (**TBD**)

DAY1 afternoon 4.30h + 30 min break

- Set working groups to
 - Identify users/requirements and **challenges**
 - Suggest **improvements** to the existing tools (as presented)
 - **Brainstorm** on new tools development
 - Shape the conditions for a **cooperative approach** (define the clear unique value of each element, think into an integrated API development, and set task team terms of Reference/membership)

Identify working groups leaders.

Switch working groups as needed and time allows. Leaders remain in working group.

Start at 8h30

DAY2 morning 3.30 + 30 min break

- Synthesis
 - Working groups internal review 30 min
 - Presentation of working groups results 1.30h
 - Discussion on way forward - Draft a set of recommendations 30 min
 - Review of workplan/actions 1h

- Closure and follow up