Diva Lecce 2016

General information

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Lecce (Italy), 11–14 April 2016

Acknowledgements: SeaDataNet, EMODnet Chemistry,
EMODnet Biology, STARESO

Welcome to Lecce

Previous workshops

November 13-15, 2006: Liège

November 4-6, 2007: STARESO

October 15-17, 2008: STARES

October 23-26, 2009: STARESO

November 3-6, 2010: STARESO

October 8-12, 2012: Roumaillac

November 4-8, 2013: STARESO

November 3-7, 2014: STARESO

General organization

Program: user-driven

Morning lectures: from 9:00 to 13:00

Lunch: 13:00 to 14:30

Afternoon exercises: from 14:30 to 18:00

Program

Monday 11

- ☑ Presentation of Diva software (formulation, advantages, implementation)
- ☑ Tests with a common data set in 2D (influence of analysis parameters and error field calculation)
- ☑ Extraction of topography and creation of contours from topography
- ☑ Presentation of Diva-on-web and OceanBrowser
- ☑ Registration to the Diva user group
  https://groups.google.com/forum/#!forum/diva_users

Program

Tuesday 12

- ☑ Presentation of GODIVA (Diva with loops on time and depth levels)
- ☑ Test case with a common data set: role of the parameters in the driver file
- ☑ Extraction of data from ODV spreadsheets
- ☑ Application with provided data set

Program

Wednesday 13

- ☑ Presentation: recent developments and future improvements of Diva
- ☑ Methods to derive error fields
- ☑ Application with provided data set (continued)
- ☑ Advanced analysis (for expert users): advection, data transformation, correlated observational errors

Program

Thursday 14

- ☑ Extension of DIVA to higher dimensions
- ☑ Analytical solutions and well-posed character of the problem
- ☑ Advection constraint with time dimension
- ☑ Multivariate extension
- ☑ Presentation of the participants results (?)
- ☑ User specific questions + feedback.

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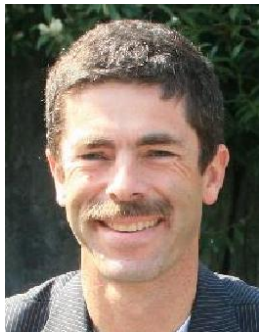
The GHER-Diva team

Alexander

Mohamed



Jean-Marie

Sylvain

Charles

Gaëlle