

# Diva Lecce 2016

## General information

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**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

Working hours: from 9:00 to 17:00

Meals:     ■ Breakfast: ?  
              ■ Lunch: 12:00 to 14:00  
              ■ Dinner: ?

Drinks: ?

Internet: ?



# 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](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



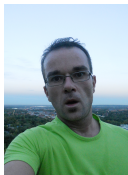
Mohamed



Jean-Marie



Sylvain



Charles



Gaëlle