

# Minutes of the 4th EDEN meeting

Leipzig, 7-8 July, 2008

This was the fourth meeting of the EDEN project, which is by itself part of a deliverable (D.6.2). It was used also as a meeting for the Project Steering Committee. In addition of providing an overview of the present status of the scientific issues related to the project, the first 18 months of the project's development were reviewed. The contents of the midterm report were discussed and the next steps were planned.

## Participants

### IFISC/IMEDEA-UIB

- Alejandro Herrada, alejandro(\_at\_)ifisc.uib.es
- Emilio Hernández-García, emilio(\_at\_)ifisc.uib.es
- Tomas Sintes, tomas(\_at\_)ifisc.uib.es
- Murat Tugrul, mtugrul(\_at\_)ifisc.uib.es

### CCMAR

- Sophie Arnaud-Haond, sarnaud(\_at\_)ualg.pt
- Cymon Cox, cy(\_at\_)cymon.org
- Ester Serrão, eserrao(\_at\_)ualg.pt

### BioInf Leipzig

- Stephanie Keller-Schmidt, stephanie(\_at\_)bioinf.uni-leipzig.de
- Konstantin Klemm, klemm(\_at\_)bioinf.uni-leipzig.de
- Markus Riemer, markus(\_at\_)bioinf.uni-leipzig.de
- Peter Stadler, peter.stadler(\_at\_)bioinf.uni-leipzig.de

### TKK/LCE

- Mikko Kivelä, mtkivela(\_at\_)lce.hut.fi
- Jari Saramäki, jari.saramaki(\_at\_)tkk.fi

# Agenda

## Monday, 7 July

10:00	Welcome, practical matters
10:05	<i>Microsatellite data used to understand Atlantic-Mediterranean connectivity in the seagrass <i>Cymodocea nodosa</i></i> , Ester Serrão
10:35	<i>Detecting communities in the <i>P. Oceanica</i> data</i> , Jari Saramäki
11:10	<i>Mutual information and genetic distance for the <i>P. Oceanica</i> data</i> , Konstantin Klemm
11:30	Coffee / Tea
12:00	<i>Integrating plant growth modeling with genetics</i> , Tomas Sintes
12:45	<i>FRANz: Fast reconstruction of pedigrees</i> , Markus Riester
13:15	Lunch
14:45	<i>Informed Generation: functional self-organization in biological evolution</i> , Peter Wills (Auckland)
15:30	<i>A discussion on the use of network approaches for the analysis of patterns of lateral gene transfer in the Tree of Life</i> , Cymon Cox
16:00	<i>Phylogenetic Trees and the AB-model</i> , Stephanie Keller-Schmidt
16:30	Coffee / Tea
17:00	Management and reporting, WP6
18:45	end of session

## Tuesday, 8 July

10:00	<i>Using networks to distinguish ancestral polymorphism versus hybridization using msat data for species of the alga <i>Fucus</i></i> , Sophie Arnoud-Haond and Ester Serrão
10:30	<i>Networks applied to the understanding of the evolution of pathogen lineages, with an example of <i>T. cruzii</i></i> , Sophie Arnoud-Haond
10:50	Discussion WP1
11:30	Coffee / Tea
12:00	Discussion WP2
12:40	Discussion WP3
13:20	Lunch
14:55	<i>Structure and dynamics of yeast gene regulation</i> , Murat Tugrul
15:25	session interval
15:30	<i>Modeling the emergence and collapse of autocatalytic structure in evolving networks</i> , Sanjay Jain (Delhi)
16:15	Coffee / Tea
16:40	Discussion WP4
17:20	Discussion WP5
18:00	Final remarks, end of meeting

- The consortium made sure that all deliverables due by project month 18 (midterm) are actually finished or that the material constituting them is finished. All deliverables will be uploaded on the project webpage by the time the midterm report is due (14 August, 2008).
- Planned visits: Murat Tugrul (IFISC/IMEDEA-UIB) stays at Bioinf Leipzig during July 9-12,2008. Konstantin Klemm (Bioinf Leipzig) visits IFISC/IMEDEA-UIB from 01 September to 30 November, 2008.
- The next EDEN meeting is planned to take place at CCMAR in Faro, January 8-9, 2009.