

MINUTES FROM THE 3rd EDEN MEETING

LCE / Helsinki University of Technology
22-23 January 2008

This was the third 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, a revision was made of the first year project development, and the next steps were planned.

List of attendants to the meeting:

IFISC/IMEDEA-UIB:

- Emilio Hernández-García (emilio(_at_)ifisc.uib.es)
- E. Alejandro Herrada (alejandro(_at_)ifisc.uib.es)
- Alejandro Rozenfeld (alex(_at_)ifisc.uib.es)
- Víctor M. Eguíluz (victor(_at_)ifisc.uib.es)
- Tomàs Sintes (tomas(_at_)ifisc.uib.es)

CCMAR:

- Gareth Pearson (gpearson(_at_)ualg.pt)
- Sophie Arnaud-Haond (sarnaud(_at_)ualg.pt)

BioInf Leipzig:

- Konstantin Klemm (klemm(_at_)bioinf.uni-leipzig.de)
- Peter F. Stadler (studla(_at_)bioinf.uni-leipzig.de)
- Markus Riester (markus(_at_)bioinf.uni-leipzig.de)
- Camille Stephan-Otto Attolini (camille(_at_)bioinf.uni-leipzig.de)

TKK/LCE:

- Kimmo Kaski (kimmo.kaski(_at_)hut.fi)
- Jari Saramäki (jsaramak(_at_)tkk.fi)
- Mikko Kivelä (mtkivela(_at_)lce.hut.fi)
- Jenni Hulkkonen (jjhulkko(_at_)lce.hut.fi)
- Riitta Toivonen (riitta.toivonen(_at_)tkk.fi)
- Kaija Virolainen (Kaija.Virolainen(_at_)tkk.fi)

AGENDA

Tuesday, January 22, 2008

- 09:30-12:00
 - Welcome, practical matters, etc.
 - Alejandro Herrada: Statistical analysis of protein family trees
 - Tomas Sintes: Space occupation and growth of clonal plants
 - LUNCH
- 13:00-17:00
 - Markus Riester: Reconstructing pedigrees
 - Sophie Arnaud-Haond: Analysis of T. Cruzi data
 - Alex Rozenfeld: Analysis of C. Nodosa genetic data
 - Gareth Pearson: Cyanobacterial genome data
 - 20:00 Diner at restaurant Lasipalatsi

Wednesday, January 23, 2008

- 09:30-12:00
 - Jari Saramäki: Community detection for the P. Oceanica data
 - Software Demo (the Helsinki Team)
 - Konstantin Klemm: Models and invariants of growing trees
 - LUNCH
- 13:00-17:00 Additional discussions, workpackage revision and planning.

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- In addition to the EDEN website and the different EDEN meetings (deliverables D6.1 and D6.2), the data set of sequence alignments (from cyanobacteria, deliverable D1.1) was already posted into the web site and the first version of the Software Toolbox (deliverable D2.1) is about to be uploaded. Thus, project output is being produced at the expected rhythm. During the meeting it was reminded, and adequate actions were planned, that we are expected to produce three new deliverables (Reports on correlation methods, on population network structure, and on allometric phylogenetic scaling, D2.1, D2.2 and D3.1) by month 18 (next June), in coincidence with the Mid-Term report to the Commission.
 - It is important to keep track of the research and dissemination activities performed by the EDEN team. Thus, members are requested to mention into the

'outputs' section of the EDEN web the publications, conferences, or workshop presentations given on the project subjects, uploading also, if appropriate, the relevant files (they can be marked as public or as private to EDEN partners).

- As a result from the scientific discussions, several proposals for additional calculations/studies arose, such as comparing the scaling of real phylogenies with the one from phylogenies constructed from random distance matrices, constructing network phylogenies from the cyanobacteria data set (by using SplitTree), performing metapopulation genetic simulations, or evaluating a new similarity matrix which counts the possible common ancestors of two individuals.
- It was decided that the next EDEN meeting will be held in Leipzig at the beginning of next summer.