

APO-SYS form for the joint workshop on data analysis and pathway charting

Paris, April 29th and 30th.

As planned in WP 6 and 7, we will organize a workshop for pathway charting and modeling, and a workshop for data analysis. Due to a number of constraints, it turns out that the only available dates are 29 and 30 of April and these workshops will be organized jointly at this date at Institut Curie, Paris. The workshop is divided in three parts : transcriptome analysis, DNA copy number analysis, and pathway charting. Please fill in this form if you would like to attend.

The sessions :

DNA copy number analysis : this session will be presented by Stéphane Liva and Philippe Hupé (Emmanuel Barillot group, Institut Curie, partner 3) and will cover :

- CAPweb, a pipeline for DNA copy number array management (<http://bioinfo-out.curie.fr/CAPweb/>)
- VAMP, a user interface for DNA copy number array analysis (<http://bioinfo-out.curie.fr/actudb/>)

Transcriptome analysis : this session will be presented by Igor Ulitsky (Ron Shamir group, Tel Aviv Univ., partner 14) and will cover :

- Expander (Gene expression analysis: clustering, bi clustering, classification etc.)
- MATISSE (Identification of pathways with correlated expression patterns)
- AMADEUS (Motif finding in promoters and 3' UTRs).

Pathway charting and integration: this session will be presented by Igor Ulitsky (Ron Shamir group, Tel Aviv Univ., partner 14) and Laurence Calzone and Andrei Zinovyev (Emmanuel Barillot group, Institut Curie, partner 3) and will cover :

- SPIKE (Signaling pathway knowledgebase)
- CellDesigner (a tool for charting pathways, <http://www.celldesigner.org/>) and BiNoM (for analysing pathways and querying pathway databases, <http://bioinfo-out.curie.fr/projects/binom/>)

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Who are you ?

Name of participant:

Affiliation :

Apo-sys partner number :

Which session would you like to attend to ?

- Transcriptome analysis : Yes / No
- DNA copy number analysis : Yes / No
- Pathway charting : Yes / No

Motivations (Optional)

In order to tune the workshop to the needs and the agenda of the participants, we are asking you to briefly describe the relevant projects you are working on that may benefit from the workshop (half a page maximum).

For transcriptome and DNA copy number please explain the biological system used, the scientific question(s) under investigation and the experiment design (including technology used, replicates and number of arrays).

For the pathway charting session please explain the biological system you are studying, describe the pathway (molecular interaction) data you may have collected and the concrete biological questions you would like to solve using mathematical modeling of pathways.