3rd RNA-seq Workshop 2015
RWTH Aachen 25th to 27th of March

Read Mapping
Statistical Evaluation
Enrichment Analyses
Clustering Tools
Biological Interpretation

HandsOn in ComputerLab

**Basics** Unix, Perl and R basics for complete beginners
**Read mapping** formatting reads, different mapping programs, parsing and testing results
**Statistical evaluation** open source software to test for differential expression
**Enrichment analyses** data preparation, Fishers exact test, multiple hypothesis testing correction
**Clustering tools** principle component analyses, hierarchical clustering
**Biological interpretation of data**

Lectures (planned)

Mapping of mutants
Genome Assembly
RNA-seq of non-models

Q&A session
Opportunity to discuss your own projects

The workshop fee is 50 Euro which is waived for those currently involved in a Plant Biotechnology (PLANT2030) or tri-national KBBE project through the Plant Biotechnology Primary database. To participate, send a letter of motivation of no more than 2000 characters stating how you (plan to) use NGS in your work and which sponsoring consortium you are a member of no later than 01.03.2015 to m.bolger@fz-juelich.de

Important Dates
01.03.15 Application Deadline
06.03.15 Notification of Participation
25.03.15 13:00 Start of Workshop
27.03.15 15:00 End of Workshop

More information can be obtained by writing to
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