

Wednesday 3rd July

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| 8:00 | Conference Desk Open |
| 9:00 | Talks - 2 parallel tracks |
| | Transcriptomics & Genomics. Moderator: A. Syme Germany |
| 9:00 | Invited Talk Pou5f3, SoxB1 and Nanog control the Zygotic Genome Activation in Zebrafish. M. Veil |
| 9:30 | Single-cell RNA Analysis in Galaxy on 10X Datasets. M. Tekman |
| 9:50 | Biology-driven classification of Single-Cells RNAseq data in Galaxy. C. Antoniewski |
| 10:10 | Improving Transcriptome Analysis with Molecular Indices and Galaxy. B. W. Langhorst |
| 10:17 | Transposon Insertion Sequencing Analysis in Galaxy. D. Larivière |
| 9:00 | Talks - 2 parallel tracks |
| | Admin & Dev. Moderator: S. Gladman Greece |
| 9:00 | Containerizing Galaxy server as a Singularity application on HPC clusters for GenAP. D. Morais |
| 9:20 | Galaxy on Kubernetes: where we are and future challenges. P. Moreno |
| 9:40 | A Minimal Docker Image for Galaxy. S. Golitsynskiy |
| 9:47 | CVMFS-CSI for Galaxy: Efficient Access to Read-only Data in Kubernetes. A. Mahmoud |
| 9:54 | gxadmin: usegalaxy.* administration wisdom. H. Rasche |
| 10:14 | Galaxy container for Hinxton Single Cell Interactive Analysis Portal (HiSciAP). J. Manning |
| 10:30 | Break & Sponsors |

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| 11:00 | Talks - 2 parallel tracks |
| | Transcriptomics & Genomics. Moderator: A. Bhardwaj Germany |
| 11:00 | Aequatus.js: a plugin to visualise gene trees in Galaxy. A. Thanki |
| 11:20 | Visual Refinement of Genome Annotations with Apollo in a Community Environment. N. Dunn |
| 11:27 | Architectural and Systems Improvements to G-OnRamp, a Collaborative Eukaryotic Genome Annotation Platform. L. Sargent |
| 11:34 | ChiRA: an integrated framework for Chimeric Read Annotation. P. Videm |
| 11:54 | Training experience on "Data analysis and interpretation for clinical genomics" using Galaxy. G. Cuccuru |
| | Admin & Dev. Moderator: D. Morais Greece |
| 11:00 | Working Effectively with Remote Data in Galaxy - A Progress Report. J. Chilton |
| 11:07 | Testing and Visualizing the State of Galaxy Tools and Workflows. M. Cech |
| 11:27 | Setting up a Galaxy Platform in a HPC Infrastructure for Genomics Implementation into Diagnosis Routines for a Health Reference Center. M. Juliá |
| 11:34 | RealTimeTools: Integrating, Customizing, and Accessing UI-based Tools in Galaxy. D. Blankenberg |
| 11:54 | Creating a Universe of Galaxies: The UseGalaxy.* Project. N. Coraor |
| 12:00 | Lunch & Birds-of-a-Feather |
| 13:20 | Trainings - 5 parallel workshops |
| | Transcriptomics & Genomics. |
| | Single cell RNA-seq analysis I. M. Tekman, A. Ostrovsky Germany |
| | The RNA workbench, best practices for RNA and high-throughput sequencing bioinformatics in Galaxy. J. Fallmann, F. Eggenhofer France |
| | Admin & Dev. |
| | Galaxy Code Architecture. J. Chilton, N. Coraor Greece |
| | General. |
| | Visualization of HTS data. TBA Italy |
| | Train the Galaxy Trainer. S. Gladman, A. Syme, B. Batut, S. Hiltmann, H. Rasche Spain |
| 14:50 | Posters, Demos & Sponsors |

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| 15:50 | Trainings - 5 parallel workshops |
| | Transcriptomics & Genomics. |
| | Single cell RNA-seq analysis II. M. Tekman, A. Ostrovsky Germany |
| | Admin & Dev. |
| | Running Galaxy on Kubernetes. E. Afgan, N. Goonasekera, A. Mahmoud, S. Golitsynskiy, P. Moreno Greece |
| | Visualisation development in Galaxy. A. Guerler, J. Goecks, A. Kumar France |
| | General. |
| | Beyond the Intro: Further Adventures in Using Galaxy? M. Heydarian, J. Hillman-Jackson Italy |
| | Making your open source project awesome. Y. Yehudi, B. Batut Spain |
| 17:30 | Talks - 1 plenary track |
| | Plenary. Moderator: F. Coppens Greece |
| 17:30 | Invited Talk Galaxy Community Update. J. Goecks, D. Blankenberg, A. Nekrutenko, J. Taylor |
| 18:00 | Tool Prediction in Galaxy Workflows using Deep Learning. A. Kumar |
| 18:07 | Street Science Community: make science tangible & accessible by bringing it to the "street" with open science workshops. T. Müller |
| 19:30 | Conference dinner at Augustiner im Bankepeter |

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| Outside the Genome & Community | Epigenetics | Variation, Metagenomics & Assembly |
| Transcriptomics | Proteomics & Metabolomics | General |
| | | Admin & Dev |

