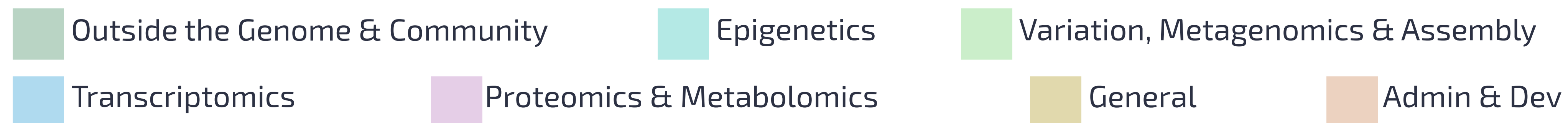


Monday 1st July

9:00	Conference Desk Open		
10:00	Using Galaxy		Germany
	Introduction to Using Galaxy (Galaxy 101). M. Heydarian, J. Hillman-Jackson		
	Admin & Dev		Greece
	Introduction to Galaxy Administration I. M. Čech, E. Afgan, S. Gladman, M. van den Beek, J. Chilton, N. Coraor, H. Rasche		
12:00	Catered lunch		
13:00	Using Galaxy		Germany
	Beyond the Intro: Further Adventures in Using Galaxy. M. Heydarian, J. Hillman-Jackson		
	Admin & Dev		Greece
	Introduction to Galaxy Administration II. M. Čech, E. Afgan, S. Gladman, M. van den Beek, J. Chilton, N. Coraor, H. Rasche		
15:00	Break		
15:30	Using Galaxy		Germany
	Analyzing Large / Complex Experimental Designs with Galaxy. D. Blankenberg, M. van den Beek, M. Heydarian, J. Hillman-Jackson		
	Admin & Dev		Greece
	Introduction to Galaxy Administration III. M. Cech, E. Afgan, S. Gladman, J. Chilton, N. Coraor, H. Rasche		
17:45	Dinner on your own & Birds-of-a-Feather		



Tuesday 2nd July

8:00	Conference Desk Open
9:00	Talks - 1 plenary track
Plenary. Moderator: B. GrüningGreece	
9:00	Opening and Welcome. A. Erxleben, B. Grüning
9:10	Invited Talk Evolution of X chromosome recognition during Drosophila Dosage Compensation. C. I. Keller Valsecchi
9:40	Galaxy Australia - inside the national vision of a data commons G. Price
10:00	A Machine Learning Tool Suite for Galaxy. J. Goecks
10:20	An Update on Galaxy Workflows: More Accessible, Expressive, Robust, and Scalable. J. Chilton, M. van den Beek
10:30	Break & Sponsors
11:00	Talks - 2 parallel tracks
Admin & Dev. Moderator: H. RascheGreece	
11:00	GalaxyCloudRunner: Streamlined Cloud Bursting for Galaxy. N. Goonasekera
11:07	Laniakea: A Galaxy-on-demand Provider Platform Through Cloud Technologies. M. A. Tangaro
11:27	Enabling Single Sign-On for Multiple Galaxy Instances. E. Afgan
11:34	How - And How not - to manage successful local Galaxies. P. Mabon
11:54	Building a Pulsar Network across Europe. G. Cuccuru
Outside the Genome & Community. Moderator: Y. Le BrasGermany	
11:00	Galaxy Computational Chemistry. C. Barnett
11:20	Climate Analysis with Galaxy. A. Fouilloux
11:40	Galaxy Image Analysis: Web-based microscopy image analysis and cellular phenotyping. T. Wollmann
12:00	Lunch & Birds-of-a-Feather

13:20	Trainings - 6 parallel workshops
Epigenetics.	
	ChIP-seq data analysis. L. Rabbani, D. RyanItaly
	EWAS data analysis for population epigenetics integrated into Galaxy. K. PoterlowiczFrance
Admin & Dev.	
	How to create a Galaxy Tool. J. Chilton, N. SoranzoGreece
Variation, Metagenomics & Assembly.	
	Variant calling I - from sequenced reads to variant lists. W. MaierSpain
	16S analysis with Mothur. S. HiltmannBelgium
General.	
	Quality control of HTS data. TBAGermany
14:50	Posters, Demos & Sponsors
15:50	Trainings - 5 parallel workshops
Epigenetics.	
	Hi-C analysis. J. Wolff, L. RabbaniItaly
Admin & Dev.	
	Scripting Galaxy through BioBlend. N. Soranzo, M. van den BeekGreece
Variation, Metagenomics & Assembly.	
	Variant Calling II - causative variant discovery. W. MaierSpain
	Metatranscriptomics & multi-omics microbiome analysis. T. Griffin, B. Batut, R. Sajulga, P. JagtapBelgium
General.	
	Machine learning with Galaxy. A. Kumar, J. Goecks, A. KhanteymooriGermany
17:20	Group picture

17:30	Talks - 2 parallel tracks
Epigenetics. Moderator: D. RyanGreece	
17:30	HiCExplorer 3: A toolbox for Hi-C data analysis. J. Wolff
17:50	Histone Deacetylases 1/2 In Microglia Function During Development And Neurodegeneration. M. Frosch
17:57	Analysis and visualization of the human cardiac myocyte epigenome using Galaxy. R. Gilsbach
Outside the Genome & Community. Moderator: A. C. FouillouxGermany	
17:30	Using Galaxy for Creation and Execution of Text Mining Workflows in the OpenMinTeD platform. D. Galanis
17:50	To Better Benefit from Shared Tasks in Biomedical Text Mining. M. Ba
17:57	The LAPPS Grid/Galaxy Platform for Mining Scientific Publications. A. Mahmoud
18:17	Infrastructure for Healthier Living: Galaxy at Quadram Institute Bioscience. T. Le Viet
18:24	How Usable is Galaxy? A Usability Evaluation of Galaxy. N.-H. Truong
19:00	Dinner on your own & Birds-of-a-Feather



Outside the Genome & Community



Epigenetics



Variation, Metagenomics & Assembly



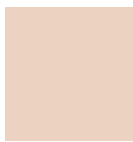
Transcriptomics



Proteomics & Metabolomics



General



Admin & Dev



Wednesday 3rd July

8:00	Conference Desk Open
9:00	Talks - 2 parallel tracks
Transcriptomics & Genomics. Moderator: A. SymeGermany	
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. GladmanGreece	
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

11:00	Talks - 2 parallel tracks
Transcriptomics & Genomics. Moderator: A. BhardwajGermany	
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. MoraisGreece	
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. Čech
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. OstrovskyGermany
	The RNA workbench, best practices for RNA and high-throughput sequencing bioinformatics in Galaxy. J. Fallmann, F. EggenhoferFrance
Admin & Dev.	
	Galaxy Code Architecture. J. Chilton, N. CoraorGreece
General.	
	Visualization of HTS data. TBAYItaly
	Train the Galaxy Trainer. S. Gladman, A. Syme, B. Batut, S. Hiltmann, H. RascheSpain
14:50	Posters, Demos & Sponsors

15:50	Trainings - 5 parallel workshops
Transcriptomics & Genomics.	
	Single cell RNA-seq analysis II. M. Tekman, A. OstrovskyGermany
Admin & Dev.	
	Running Galaxy on Kubernetes. E. Afgan, N. Goonasekera, A. Mahmoud, S. Golitsynskiy, P. MorenoGreece
	Visualisation development in Galaxy. A. Guerler, J. Goecks, A. KumarFrance
General.	
	Beyond the Intro: Further Adventures in Using Galaxy? M. Heydarian, J. Hillman-JacksonItaly
	Making your open source project awesome. Y. Yehudi, B. BatutSpain
17:30	Talks - 1 plenary track
Plenary. Moderator: F. CoppensGreece	
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

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



Thursday 4th July

8:00	Conference Desk Open
9:00	Talks - 2 parallel tracks
	Proteomics & Metabolomics. Moderator: M. Föll Greece
9:00	Metaproteomics Powered By Metatranscriptomics: Towards a Multi-omic Functional Microbiome Analysis Within Galaxy. P. Jagtap
9:20	Interactive Galaxy Visualizations for Multi-omics Research. R. Sajulga
9:27	ProteoRE, a Galaxy-based platform for the annotation and the interpretation of proteomics data in biomedical research. F. Combes
9:47	Galaxy Wrapper for MaxQuant. D. Glätzer
9:54	Application of Halogen Bonding in Molecular and Drug Design Facilitated by a Galaxy Webserver. F. M. Boeckler
	Outside the Genome & Community. Moderator: B. Batut Germany
9:00	Invited Talk Data visualisation by citizen science participants: the case of birds and bats monitoring schemes and Galaxy-E. R. Lorrillière, Y. Bas
9:30	Galaxy-Bricks a Tool for Data Literacy and Scientific Approach Education in the Context of Citizen Science. S. Bénateau
9:37	Citizen Science Project in Ecology with the Galaxy-E Platform. B. Yguel
9:44	Galaxy-E project: 2019 news. Y. Le Bras
10:04	The ChemicalToolBox - Computational Chemistry in Galaxy. S. Bray
10:11	Improved Reference Data Management in Galaxy: Towards a Plant Data Analysis Platform. I. Eguinoa
10:18	Use Galaxy, Right Now! D. Clements
10:25	Galaxy Publication Library. D. Clements
10:30	Break & Sponsors

11:00	Talks - 2 parallel tracks
	Proteomics & Metabolomics. Moderator: P. Jagtap Greece
11:00	Analysing and organising large-scale metabolome annotation studies with Django, ISA and Galaxy. T. N. Lawson
11:20	Reproducible and accessible analysis of spatially resolved proteomics and metabolomics data. M. Föll
11:40	Workflow4Metabolomics: an international computing infrastructure for Metabolomics. G. Le Corguillé, M. Petera, R. Dallet
	Variation, Metagenomics & Assembly. Moderator: S. Hiltmann Germany
11:00	The IRIDA Platform for Microbial Genomics. A. Petkau
11:20	Combat-tb: Workbench, A Customizable Platform For Variant Discovery And Annotation, Phylogeny Construction And Variant Prioritisation. Z. Mashologu
11:27	High throughput HIV next generation sequence analysis in Galaxy. D. Bouvier
11:47	NanoGalaxy: A Galaxy toolkit and workflows for long-read sequencing. W. de Koning
11:54	MITOLINK: An integrated Web-based Workflow System to Evaluate Genotype-Phenotype Correlations in Human Mitochondrial Diseases. A. Bhardwaj
12:00	Lunch & Birds-of-a-Feather
13:20	Trainings - 5 parallel workshops
	Proteomics & Metabolomics.
	Metabolomics data analysis I. G. Le Corguillé, M. Petera, R. Weber, T. Lawson France
	Proteomic data analysis. M. Föll, M. Fahrner, M. Stillger Belgium
	Variation, Metagenomics & Assembly.
	Assembly, annotation and analysis of bacterial genomes. D. Larivière, A. Syme, S. Gladman Italy
	Admin & Dev.
	CVMFS and Pulsar. H. Rasche, S. Gladman, N. Coraor, G. Cuccuru Greece
	Outside the Genome & Community.
	Import, handle, visualize and analyze biodiversity data in Galaxy. Y. Le Bras, S. Bénateau Spain
	General.
	Machine learning with Galaxy. A. Kumar, A. Khanteymoori Germany

14:50	Posters, Demos & Sponsors
15:50	Trainings - 5 parallel workshops
	Proteomics & Metabolomics
	Metabolomics data analysis II. G. Le Corguillé, M. Petera, R. Weber, T. Lawson France
	MALDI imaging of peptides data analysis. M. Föll, M. Fahrner, M. Stillger Belgium
	Variation, Metagenomics & Assembly
	Genomic assembly and data analysis in Galaxy with Nanopore ONT long read sequencing. S. Hiltmann, M. Miladi, W. de Koning Greece
	Admin & Dev.
	ELIXIR Galaxy AAI. K. Klepper Italy
	Outside the Genome & Community.
	Populations genomics with RADseq. Y. Le Bras, S. Bénateau Spain
	General.
	Handling integrated biological data using Python, Jupyter, and InterMine. Y. Yehudi Germany
17:30	Talks (1 plenary track)
	Plenary. Moderator: A. Lonie Greece
	17:30 Invited Talk UseGalaxy: Elucidating chromatin biology of mouse cardiomyocytes. S. Nothjunge
	18:00 Galaxy and Training: 2019 updates from the Galaxy Training Network. B. Batut
	18:20 Closing. B. Grüning, A. Erxleben, D. Clements
19:00	Dinner on your own & Birds-of-a-Feather

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

