

The Programme

24th - 26th October 2012
Mondorf les Bains - Luxembourg

Day 1: Special topic: Evolution of ImageJ, 24th October 2012 Besides the presentations and a workshop, the scientific posters and the expo are accessible all day.

Room A

13:30	Registration
	<p>Andreas Jahnen: Welcome and opening of the conference</p> <p>Curtis Ruden: ImageJ2: Current Status and Future Directions (30 min)</p>
14:00 -	<p>Johannes Schindelin: The Road to Fiji2 (30 min)</p>
16:00	<p>Thomas Boudier & Dimiter Prodanov: Representations for multidimensional data and algorithmic interoperability with ImageJ (30 min)</p> <p>Stephan Saalfeld: ImgLib2 - Generic Image Processing in Java (30 min)</p>
16:00	Break
16:30 -	<p>Stephan Preibisch: Introduction to ImgLib2 (90 min)</p>
18:00	Thematic Sessions; Closing of first day
19:30	Regulars table

Day 2: Workshops, 25th October 2012 Besides the workshops, the scientific posters and the expo are accessible all day.

8:00	Registration	
	Track 1 - Room A	Track 2 - Room B
8:30 -	<p>Wayne Rasband: Introduction to ImageJ (120 min)</p>	<p>Johannes Schindelin: ImageJ2 scripting & plugin workshop (120 min)</p>
10:30		

10:30	Break	
11:00 - 13:00	Daniel Sage: From Image-Processing Algorithms to ImageJ Plugins: A Student-Friendly Framework (120 min)	Tobias Pietzsch: Advanced Programming with ImgLib2 (120 min)
13:00	Lunch and time to visit the exposition and the scientific posters	
14:30 - 16:00	Grant Harris: Instrument Control and Image Acquisition Using Micromanager (90 min)	Marcel Austenfeld: An introduction to scientific image data analysis using R (90 min)
16:00	Break	
16:30 - 18:00	G. Esteban Fernandez: Morphometry of light microscopy images with ImageJ (90 min)	Martin Horn & Christian Dietz: Integrating ImageJ into KNIME for High-throughput Image Analysis (90 min)
18:30	Social Event; End about 23:00	

Day 3: Presentations and Poster Sessions, 26th October 2012 Besides the presentations, the scientific posters are accessible all day.

8:30	Registration
	Track - General and Technical topics
	Norbert Vischer: Using GlassWindow in ObjectJ to analyze live images displayed by a foreign application (15 min)
	William A. Christens-Barry: ImageJ toolbox for working with cultural heritage materials (15 min)
9:00 - 10:30	Jerome Mutterer: Easy article figures encapsulating original data and processing steps (15 min)
	Volker Bäcker: ImageJ macro tool sets for biological analysis (15 min)
	Isabel Laranjo: Multi-format video frame grabber ImageJ plugin - MVFG (15 min)
	Oliver Buchheit: Improving the human computer interface in ImageJ using the MIDI protocol (15 min)
10:30	Break

	<p>Track - Image Processing</p> <p>Gabriel Landini: Intelligent imaging using discrete mereotopology (15 min)</p> <p>Kai Uwe Barthel: Automatic generation of volumetric transfer functions (15 min)</p> <p>Elie Maalouf: EMMA-BOX a modular plugin for space variant PSF deconvolution (15 min)</p> <p>Aryeh Weiss: Segmentation of DIC and Phase microscopy images using ImageJ (15 min)</p>
12:00	<p>Lunch including Scientific Poster Evaluation</p>
13:30 - 15:00	<p>Track - High throughput and multidimensional</p> <p>Benjamin Schmid: Interactive 3D segmentation for ImageJ (15 min)</p> <p>Gilbert Bigras: Color Deconvolution: Optimizing handling of 3D unitary optical density vectors with Polar coordinates (15 min)</p> <p>Michael Gerhard Kaul: qMapIt, an ImageJ-plugin, for quantitative multi-parametric analyses of DICOM images (15 min)</p> <p>Jean Ollion: TANGO: a highly customizable tool for high-throughput image analysis of nuclear signals (15 min)</p> <p>Birgit Moeller: Graphical Programming in ALIDA and ImageJ 2.0 with GRAPPA (15 min)</p> <p>Charles-Georges Guillemot: Benefits of ontologies in image processing workflows (15 min)</p>
15:00	<p>Break</p>

	Track - Segmentation
	Daniela M. Ushizima: Material Science image analysis using Quant-Ct in ImageJ (15 min)
	Kota Miura: Correlation for the photobleaching of time-lapsed sequences (15 min)
15:30	Gerrit Polder: An ImageJ plugin for plant variety testing (15 min)
17:00	Etienne BELIN: Relative-entropy based distance for automated detection of embryo in x-ray images of dry seeds of sugarbeet with ImageJ software (15 min)
	Pavita Tipsombatboon: Random image selection technique coupled with multiple thresholding algorithms for determination of beef marbling fat content (15 min)
	Poster award
17:00	Closing of event - Drink

Scientific Poster Presentations

- Jaza Gul Mohammed: Segmentation and Tracking 4D of C.Elegans early embryogenesis
Michel M. Teussink: ImageJ for longitudinal analysis of retinal autofluorescence
Harald Schmidt: Object-based colocalization of angiogenic structures and myeloid cells
Douglas H. Ross: Automatic OCT retinal band delineation using ImageJ
Tobias Leidinger: Enabling optical character recognition (OCR) for multi-coloured pictures
Denis V. Volkov: Usage of ImageJ program for visualization and analysis of microarray experiments data
Gilles Carpentier: Angiogenesis Analyzer for ImageJ
Alexandre Granier: WIDE the Web Image and Data Environment
Louis Wolf: High-throughput Quantification and Analysis of T-Lymphocyte Killing Efficiency with ImageJ
S A Sampath: Relationship between mechanical axis of the lower limb and measurements taken from anteroposterior radiographs for patients with osteoarthritis of the knee
Cedric Kalies: Designation of body regions for paediatric CT examinations using ImageJ
Markus Glaß: Scratch Assay Analysis in ImageJ
Birgit Moeller: SnakeOptimizer - Object Segmentation with Parametric Active Contours in ImageJ
Stefan Posch: Automatic Generation of Processing Histories using Alida
Victoria Machtey: Measurement of Nano-particle Uptake in Live Cells using ImageJ
Kenneth R Sloan: ImageJ support for high-resolution histology of human macula
Albina Asadulina: ImageJ in the workflow for generating, evaluating and visualizing 3D gene expression atlas
Patrick Butler: An ImageJ plugin for analysis of X-ray images of shape charge jets

Daniel Sage: MIJ: Making interoperability between ImageJ and Matlab possible

Rolf Pawelzik: Knowledge Sharing Robustness of the ImageJ Community

N.A. Englevskiy: Automatization of the process of examination of tracheostome's size, using the ImageJ

Evgeny Puchkov: Use of ImageJ software for fluorescence measurements in subcellular yeast cell studies

Thomas Theelen: IMAGEJ FOR IMAGE PROCESSING AND 3D ANALYSIS OF SPECTRAL DOMAIN OCT

Yoshiyuki Arai: Fast single molecule particle tracking and analysis plugin with Java Native Interface

Lai Ding: An ImageJ macro to analyze mitochondrial movement along axon

Lorenzo Fongaro: Assessment of the surface aspect of foods using ImageJ plugins

Sergey Gutor: Morphometric test-system for patients with ischemic cardiomyopathy

Boris V. Shilov: Development of morphometric database application using ImageJ as a library in Eclipse environment

Carole Frindel: Scale analysis of multicomponent biomedical images with ImageJ software

José Rios-Diaz: Ultrasonographic Textural Pattern of Tendon: Analysis with Grey Level Co-occurrence Matrices

Eric Barnhill: MRE-J: A Novel Pipeline For Magnetic Resonance Elastography Image Processing Using ImageJ and Apache Commons-Math

Michael Gerhard Kaul: DicomSort'n>Select, an ImageJ plugin, for sorting, selecting of DICOM files and providing a technical data interface for other plugins

Zhengyu Pang: Quantitative fluorescence image analysis using ImageJ

Andrei Stefan: Using ImageJ to assess radiographic and ultrasound digital images

Maxim V. Trigub: HARDWARE-SOFTWARE SYSTEM BASED ON THE CUBR-LASER FOR HIGH-SPEED PROCESS VISUALIZATION

Claire Smith: ciliaFA: A research tool for automated, high-throughput measurement of ciliary beat frequency using ImageJ and Microsoft Excel

Ashish Kumar Ram: Computerized Visual Field Perimetry Test for Glaucoma patients

Nirendra Nath Mustafi: Application of ImageJ in characterization of particulate matter emissions from diesel engine

Mohamed Tleis: Yeast-Cells Features Extraction Plugin

Raja Majid Mehmood: A Qualitative Evaluation of a ImageJ Framework

Open Space Posters

- Ahmed Shah Mehadi: Time-resolved image cytometry of intracellular cholesterol transport in healthy and Niemann Pick C2 disease fibroblasts using a new plugin to ImageJ
- Frank Stein: Rapid analysis of FRET-reporter readout by applying FluoQ - a new ImageJ macro for multiparameter microscopy data analysis

Social Event

The social event will take place on the evening of the 25th October. [read more...](#)

[Register as an individual](#) or [Register as a](#)

professional

From:
<http://www.imagejconf.org/> - **ImageJ User and Developer Conference**

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