

The Programme

27th - 29th October 2010
Mondorf les Bains - Luxembourg

Day 1: Special topic: Evolution of ImageJ, 27th October 2010 Besides the presentations, the scientific posters and the expo are accessible all day.

Room A

14:00	Registration
	Andreas Jahnen: Welcome and opening of the conference
14:30	Wayne Rasband: Overview of new ImageJ Features
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16:00	Johannes Schindelin: Fiji: from Luxembourg via Plzen to Heidelberg, or what happened since Dresden?
	Kai-Uwe Barthel: ImageJ in the web? Image processing in the browser using HTML5
16:00	Break
16:30	Grant Harris and Curtis Rueden: ImageJDev: Next generation ImageJ
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18:00	Andreas Jahnen (Chair): Round table discussion: What's the future of ImageJ
18:00	Closing of First Day

Day 2: Workshops, 28th October 2010 Besides the workshops, the scientific posters and the expo are accessible all day.

8:30	Registration	
	Track 1 - Room B	Track 2 - Room A
9:00	Wayne Rasband: Introduction to ImageJ	Dimiter Prodanov: ImageJ in Biomedical Imaging Applications
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10:30		
10:30	Break	

11:00 - 12:30	Jerome Mutterer: ImageJ Macro Tutorial	Stephan Preibisch: Into ImgLib - Generic Image Processing in Java
12:30	Lunch and time to visit the exposition and the scientific posters	
14:30 - 16:00	Johannes Schindelin: Scripting in Fiji (Fiji Is Just ImageJ)	Andreas Jahnen and Johannes Hermen: Introduction to ImageJ plugin development using Eclipse
16:00	Break	
16:30 - 17:30	Kai-Uwe Barthel and Daniel Senff: Visual programming of ImageJ using Imageflow	Thomas Boudier: 3D Image Processing and Analysis
18:30	Social Event; End about 23:00	

Day 3: Presentations and Poster Sessions, 29th October 2010 Besides the presentations, the scientific posters are accessible all day.

8:30	Registration	
	Track 1 - Room A	Track 2 - Room B
9:00 - 10:30	ImageJ and Microscopy Karl Hoover: µManager - Open Source Standard Software for Microscope Automation Winnok H. De Vos: Multilevel Analysis of Nuclear Dynamics in Lamin Perturbed Human Fibroblasts Gabriel Landini: Improvement of histological image interpretation for dichromatic observers	ImageJ in the Material Sciences E. Solorzano: ImageJ: Multifunctional Analysis in Material Science Ales Hladnik: Assessment of paper surface topography and print mottling by texture analysis Asuka Yamakawa: Updating the Shape descriptor plugin for automatic classification of TMP fibre cross-sections
10:30	Break	
11:00 - 12:00	ImageJ in Medicine: Aryeh Weiss: Morphometric Characterization Butyrate Induced Differentiation in B16 Melanoma Cells using ImageJ Boris Shilov: Intraoperative application of ImageJ for optimization of surgical treatment of the tympanic membrane perforations	ImageJ and Plants Gerrit Polder: Measuring shoot length of submerged aquatic plants using graph analysis Jaap Kokorian: An ImageJ based measurement setup for automated phenotyping of plants
12:00	Lunch including Scientific Poster Evaluation	

	Image Quality - Room A
13:30	Holger Buhr: Image quality in scientific imaging and the fundamental prerequisites in measuring it
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15:00	Bruno Donini: An Imagej plugin for performing physical analysis on digital systems for medical imaging
	Fabrice P. Cordelieres: Metroloj: an Imagej plugin to help monitor microscopes' health.
15:00	Break
	ImageJ Technology - Room A
15:30	Volker Bäcker: Remote Imagej - Running macros on a distant machine
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17:00	Marcel Austenfeld: The Use of Imagej within an Ecological Modeling Platform
	Thomas Boudier: 3D Spots Analysis : a review
17:00	Closing of event - Drink

Scientific Poster Presentations

Amin Garbout: Soil Pore Network Visualisation and Quantification using Imagej

Anders Thorsen: Using Imagej with the plugin Objectj for fish oocyte and egg measurements; Hough transform, particle analysis, manual size measurements, and categorization

Shameem Sampath: The association between shape descriptors of segmented areas of subchondral sclerosis of the upper tibia and the mechanical axis of the lower limb

Douglas H. Ross: Grading exams with Imagej

Gilles Carpentier: Protein Array Analyzer for Imagej

Gilbert Bigras: HER-2/NEU AMPLIFIED BREAST CANCERS HAVE LARGE AMOUNT OF CYTOPLASM AS DETERMINED BY IMAGE-ANALYSIS WITH IMAGEJ SOFTWARE

Christian Blendl: Imagej plugin for analyzing the anthropomorphic test patterns in a mammographic test phantom image

Holger Buhr: Imagej based application for automatical analysis of a new X-ray phantom

Knut Kvaal: A plugin system for (1-D, 2-D) texture and signal characterisation using AMT (Angle Measure Technique)

Janos Kriston-Vizi: Automated Image Analysis Pipeline for the Identification of Autophagic Inducers by High Content Screening

Michael Doube: Bonej: a collection of Imagej plugins for bone image analysis

Jerome Mutterer: Imagej & Arduino

Norbert Vischer: Objectj: Non-destructive marking and linked results used in bacterial molecular cytology

Nikolay Englevskiy: Creating a module for Imagej for quantative evaluation of endogenous oxidation in mitochondria of blood lymphocytes

Y. Fleming: 3D reconstruction of volume sputtered by Secondary Ion Mass Spectrometry

[Johannes Hermen: Latest Features and Improvements on Tudor DICOM Tools](#)

[Anna Bosch: n-bits Colocalization Macro for Image J](#)

[Pol Solans: Development of an Image J Macro for Analysis of Fluorescence Resonance Energy Transfer Experiments with Sensitized Emission Method.](#)

[Parfait Evouna Mengue: Semi-Automated Cell Segmentation for Quantitative Digital Image Analysis of a Protein Translocation](#)

[Helmut Ahammer: IQM - Interactive Quantitative Morphology](#)

[Marcin Brzezicki: The use of ImageJ software in quality and quantity assessment of photon emission and ray-trace bitmap renderings in architecture and civil engineering.](#)

[Lee Kamentsky: High-throughput image analysis with CellProfiler and ImageJ](#)

Open Space Posters

- [Daniël Lam: A method to quantify nucleo-cytoplasmic shuttling of proto-oncogene SET/I2PP2A](#)
- [Carla Bittencourt: TXM-NEXAFS of Sodium Titanate Nanostructures](#)
- [Rolf Pawelzik: Reciprocal Knowledge Exchange within the ImageJ Community](#)
- [Daniel Sage: Signal-processing algorithms for bioimaging](#)

Exposition

Information about the Exposition area will be available later.

[print the program or save as pdf](#)

Social Event

The social event will take place on the evening of the 28th October. [read more...](#)

Download the programme



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