

# The Programme

**27<sup>th</sup> - 29<sup>th</sup> October 2010**  
**Mondorf les Bains - Luxembourg**

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

**Room A**

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

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

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

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

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

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

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

## 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 Kametsky: 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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