

The Programme

18th - 19th May 2006
Centre de Recherche Henri Tudor - Luxembourg

Day 1: Workshops, 18th May 2006

9:00 Registration and Welcome Coffee		
	"Getting Started" Track	"Application" Track
09:30 - 10:30	Introduction to ImageJ by Wayne Rasband (60 min)	
10:30 - 12:30	Extending ImageJ with Macros by Wayne Rasband (120 min)	3D-Data Representation with ImageJ by Prof. Dr. Kai Uwe Barthel (120 min)
Lunch		
14:00 - 15:30	Introduction to Developing ImageJ Plugins by Werner Bailer (180 min)	Working with medical DICOM Images using ImageJ by Johannes Hermen (90 min)
15:30 - 17:00		Automatic Measurements of Cell Structures: Programing and Applications by Dimiter Prodanov (90 min)
Social Event		
(wine tasting and dinner in a wine-cellar; click link for details)		

Day 2: Presentations and Poster Sessions, 19th May 2006

9:00 Registration and Welcome Coffee

	"General" Track	"Biological/Medical" Track	Poster Sessions
09:30 - 9:55	A 3D Fast Hartley Transform Plugin for ImageJ by Robert Dougherty	Using ImageJ for processing fluorescence and reflectance image sequences of plant leaves by Sándor Lenk	
10:00 - 10:25	TrakEM2: an ImageJ-based program for morphological data mining and 3D modeling by Albert Cardona	Automatic distance analysis in 3D-FISH experiment images. by Thomas BOUDIER	
10:30 - 10:55	Handling multi-dimensional images with SyncWindows and Image5D by Joachim Walter	Use of Fourier domain filtering and dynamic programming in finding a titanium coil implant in high voltage x-ray images. by Henning Nielsen	
Break			
11:30 - 12:25	MRI Cell Image Analyzer A visual scripting interface for ImageJ and its usage at the microscopy platform Montpellier RIO Imaging by Volker Bäcker (60 min)	Systematic characterisation of cellular spatial arrangement in tissues. by Gabriel Landini (60 min)	
Lunch			
14:00 - 14:25	Non-destructive marking and integrated image analysis using ObjectJ by Norbert Vischer	Oral Epithelial Dysplasia: Can Quantifiable Morphological Features Help in the Grading Dilemma? by Dr Rasha Abu Eid	
14:30 - 14:55	Quantification of surface structures by Gary Chinga	Tomoj : new tools for electron Tomography. by Thomas BOUDIER/Cédric MESSAOUDI	
Break			
15:30 - 16:00	The ImageJ Documentation Wiki by Andreas Jahnen		
16:00 - 17:30	Developer Round Table		
17:30 - 20:00	Discussion / Drink		

Click on the workshop or presentation to get a detailed description of the covered subject.

Posters Sessions

- **Restoring the paleofluids: 3D volumetric analysis of oil-bearing fluid inclusions within minerals and its application to oil prospection** by Aldo Ramos-Rosique; Gilles Levresse; Jordi Tritlla and Nydia Hernández-Ríos
- **Automated segmentation of Feulgen stained cell nuclei for DNA cytometric analysis based on color deconvolution and morphological filters** by Dr. Yoo-Jin Kim
- **Image5D - an API for displaying and processing multi-dimensional image data** by Joachim Walter
- **Morphometric characteristics of human sciatic nerve myelinated nerve fibres** by Ugrenović Slađana
- **CORRELATION BETWEEN PSAMMOMATOUS CALCIFICATIONS MORPHOMETRIC CHARACTERISTICS AND EPITHELIAL ATROPHY OF HUMAN CHOROID PLEXUS DURING THE AGING PROCESS** by Ivan Jovanovic
- **Mapping of contour dynamics of a moving cell using ImageJ** by Kunito Yoshida
- **Development of 3D segmentation in medical imaging using the belief functions theory: Application to Computed Tomography Images** by Sébastien VAUCLIN
- **AGScan, a micro-array image processing software** by Cathelin Rémi & Christophe Klopp
- **ImageJ plugin based on ImageIO to extract images and data from Cameca Secondary Ion Mass Spectrometer data files** by Patrick Pirrotte
- **Non-destructive marking using ObjectJ** by Stelian Nastase
- **ImageJ-Plugin for Automatical Analysis of Phantom Images in Mammographic X Ray Units** by Holger Buhr
- **KARYOMETRIC ANALYSIS OF THYMOCYTES IN DOWN SYNDROME** by Dragan Mihailovic
- **Estimation of annual growth ring widths in heartwood from CT images of Norway spruce (*Picea abies* (L.) Karst.) logs** by Dr Fleur LONGUETAUD
- **Image J and Volcanic Ashs: A complementary tool for prediction of phase changes in eruptions** by Orkun Ersoy:
- **Analysis of telomere constellations and dynamics in mammalian cells** by winnok de vos
- **ImageJ processing of wheat grain roentgenograms for detection of hidden infestation by granary weevil** by Jaroslaw S. Grodek
- **Adaptative active contours (snake) for the Segmentation of complex structures in biological images** by Philippe Andrey / Thomas Boudier
- **Salsaj: a multilanguage interface for education** by Anne-Laure Melchior
- **Manual Tracking: a semi-automated tool to keep a track of movements in 2 and 3D** by Dr Fabrice P Cordelières
- **Exploratory Multivariate Image Analysis** by James Burger
- **New hard coated CHROMA filters versus standard CHROMA filters. Comparison of intensities of fluorescence** by Silke Gerwig
- **Automatic segmentation of Drosophila brains** by Johannes Schindelin
- **Application of ImageJ in cytology and histology for diagnostic aims and clinical researches** by Boris V. Shilov

Social Event

On the 18th May a social event is planned. Details and booking will be offered later.


Lunch

Lunch can be taken at the restaurant of the CRP Henri Tudor. Here several menus from simple meals up to a menu will be available.

Please note : the number of seats is limited.

You can find additional information regarding registration and pricing on the registration page.

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

Permanent link:
<http://www.imagejconf.org/archive/imagej-user-and-developer-conference-2006/programme> 

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