

Webinar Invitation: 3D Image Reconstruction and Presentation of Microscopy Images

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- *From:* dhitrys@xxxxxxx
 - *Date:* Tue, 02 Oct 2007 07:04:50 -0700
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You are invited to attend a live, interactive, web-based instructional seminar:

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"3D Reconstruction and Presentation of Microscopy Images"

Presented by Bartek Rajwa, Ph.D.
Purdue University Cytometry Laboratories

Sponsored by Media Cybernetics and QImaging
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Details are below. Connection lines are limited, so reserve yours now. There is no charge to participate in this on-line seminar.

When:
Thursday, 11-October, 1:00PM (Eastern time; 10 AM Pacific time)
Duration: Approximately 1 hour.

Pre-register (required) at:
<https://mediacy.webex.com/mediacy/j.php?ED=2412243&RG=1>

[If this link has wrapped, please re-build it in your web browser's address bar. The line begins with "https" and ends with "RG=1"]

Details:
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Modern optical microscopy provides powerful tools for studying biological samples varying from sub-cellular structures to tissues. Transforming complex, multidimensional microscopy data sets into the actual presentation for use in lectures, web sites, or published materials requires not only knowledge about digital image acquisition and image processing but also familiarity with visualization techniques. Attendees will learn various approaches to multidimensional data visualization of microscopy images and will see examples of software tools available for these tasks.

Webinar Invitation: 3D Image Reconstruction and Presentation of Microscopy Images

Specifically, the workshop will address the following topics:

Sources of 3-D microscopy datasets. Optical resolution of conventional and confocal microscopes

3-D reconstruction

3-D visualization via surface or/and volume rendering

3-D presentation techniques

Use of animations for 3-D visualization

Beyond 3-D: visualization of spectral and time lapse images

Presentation of 3-D visualizations in printed materials, electronic presentations, and electronic supplementary materials submitted to journals

Sponsored by Media Cybernetics (Image Pro and AutoQuant software) and QImaging (digital cameras for microscopy)

<http://www.mediacy.com>

<http://www.qimaging.com>

This seminar requires that attendees use a Java-enabled browser with a high bandwidth connection. Audio is via telephone. Long distance toll charges may apply.

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