

Webinar Invitation: Deconvolution of Microscopy Images

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- *From:* "dhitrys@xxxxxxxxxxxx" <dhitrys@xxxxxxxxxxxx>
 - *Date:* Mon, 17 Sep 2007 14:19:28 -0700
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You are invited to attend a live, interactive, web-based instructional seminar:

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"Deconvolution – Issues to Consider for Widefield and Confocal
Microscopy"

Presented by Jonathan Girrior
3D Applications Manager at AutoQuant Imaging (now part of Media
Cybernetics)

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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, 27-September, 1:00PM (Eastern time; 10 AM Pacific time.)
Duration: Approximately 1 hour.

Pre-register (required) at:
<https://mediacy.webex.com/mediacy/j.php?ED=99822737&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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Deconvolution has proven to be a powerful new tool for performing high-resolution multi-dimensional imaging of biological specimens. It is used for increasing the sensitivity and improving the resolution of standard widefield microscopes and for improving the resolving capabilities of confocal systems. Attendees of this live, no-cost webinar will learn about the latest technology for performing deconvolution on a variety of microscope images and understand better the relative strengths and weaknesses of several popular algorithms.

Webinar Invitation: Deconvolution of Microscopy Images

Bring your questions to this live, interactive web-based seminar.

- What is deconvolution and how does it work?
- Discussion on empirical vs. derived point-spread functions
- Uses in fluorescence and brightfield modalities
- Difference from confocal imaging
- How do I choose one over the other?
- Pro and cons- where deconvolution works and where it doesn't
- Challenges and advice
- A few before/after examples using Image Pro 3D Constructor

Upcoming Webinar: "3D Imaging: Issues to Consider for Biological Microscopy" (invitations will be sent separately).

Sponsored by Media Cybernetics (Image Pro and AutoQuant software) and QImaging (precision CCD cameras)

This seminar requires that attendees use a Java-enabled browser with a high bandwidth connection. Audio is via toll-free telephone.

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