



ZEISS on Your Campus (ZOYC) is a free, global workshop series aimed at educating scientists and students on the fundamentals of microscopy and emerging technologies in both light and electron microscopy. ZOYC Philippines will focus on the understanding of basic microscopy, fluorescent imaging and image acquisition with cameras. ZOYC includes a combination of lectures and hands-on labs, which are designed to be applicable to microscopy systems from all manufacturers.

For more information:

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We make it visible.

The moment understanding
leads to your success.

This is the moment we work for.



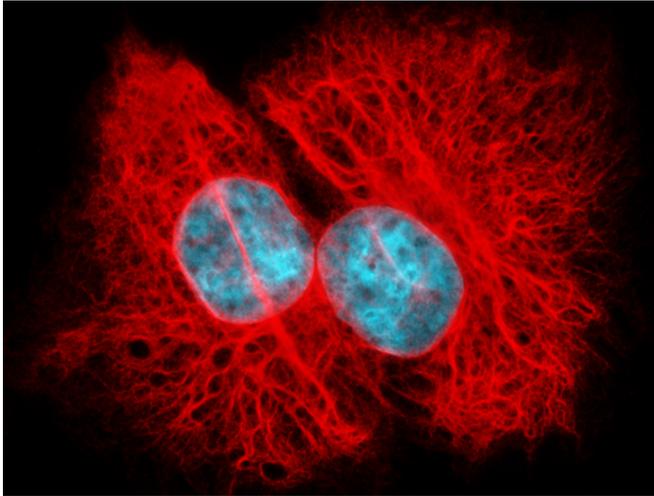
**ZEISS on Your Campus
Workshop Series**

**May 22 - 24, 2013
University of the Philippines Natural
Sciences Research Institute**

www.zeiss.com/zoyc



We make it visible.



Zeiss On Your Campus Philippines brings modern microscopy technology directly to your lab. All events are free to attend.

To ensure a productive learning environment, **registration is required** and group sizes are strictly limited. **Please visit our website to reserve your spot.**

www.zeiss.com/zoys



Wednesday, May 22, 2013

The early afternoon lectures will focus on topics for students and researchers who are new to microscopy or would like a better understanding of the basics of microscopy and digital imaging in order to improve the quality of their images. The late afternoon will cover advanced topics that will be of interest to both students and experienced microscopy users.

12:45 - 13:00

Welcome Presentation

13:00 - 14:00, Lecture

“Fundamental of Light Microscopy and Digital Imaging: Understand the Nature of Light, Components of Microscope, Various Contrast Methods, Camera Technology for Microscopy and How to Quantify Your Biological Images”

14:00 - 14:30

Coffee Break

14:30 - 15:30, Lecture

“Fundamental of Fluorescent Microscopy and Optical Sectioning Techniques: Understand the Nature of Fluorescence, How to Achieve Fluorescence in Microscopy and Why We Need Optical Sectioning Techniques”

Thursday - Friday, May 23 - 24, 2013

The hands-on labs will provide you with the opportunity to apply the information learned from the lectures on real equipment and samples while also exploring a variety of practical topics common to day-to-day microscopy work. All information can be transferred to microscope systems from any manufacturer.

Hands-On Labs

- Component of Microscope, Koehler Illumination and Color Camera Imaging (Axio Observer.D1)
- Various Contrast Methods including Darkfield, Phase Contrast, Hoffman Modulation Contrast and DIC, Component of Fluorescent Microscope (Axio Vert.A1)
- Record Your Biological Sample with Microscope Cameras, Perform Measurement and Export Them for Presentation/Publication, Optical Sectioning with Apotome 2 (Axio Observer.Z1)