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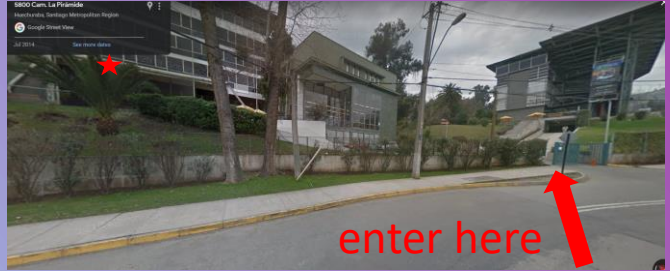


CHAN
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Light-sheet and Expansion Microscopy Workshop, Jan. 23-27, 2023

Program of Events:



Universidad Mayor, Huechuraba Campus

Monday, January 23

- 9:00-9:30 Course Outline and Organization ★ *corporate auditorium*
- 9:30-10:15 Foundations of Optics - Dr. Kubitscheck- *corporate auditorium*

<https://mayor-cl.zoom.us/j/81805065413?pwd=dDZyWE4yWnBKYitya3RFUIV6YlBvdz09>

- 10:15-10:30 Coffee break *outside of corporate auditorium*
- 10:30-13:00 Group A Expansion – Dr. Rodriguez –*corp. lab HCLM-Y-14 (Ex.LM)*

<https://tufts.zoom.us/j/97523753129?pwd=TWh0ZnM1cWpiNXRpU0FLQW84TFdTdz09>

- 10:30-13:00 Group B Light Microscopy and Fluorescence *classroom 5th floor science building HHSR-506*
- 13:00-14:00 Lunch break *corporate building*
- 14:00-16:30 Group A Light Microscopy and Fluorescence – Dr. Kubitscheck- *5th fl. computer lab*

<https://tufts.zoom.us/j/97523753129?pwd=TWh0ZnM1cWpiNXRpU0FLQW84TFdTdz09>

- 14:00-16:30 Group B Expansion *corporate lab HCLM-Y14 (Ex. LM)*
- 16:30-16:45 Coffee Break- *outside of corporate auditorium*
- 16:45-17:30 Detector Technology – Ignacio Velasquez- *corporate auditorium*

<https://mayor-cl.zoom.us/j/81805065413?pwd=dDZyWE4yWnBKYitya3RFUIV6YlBvdz09>

- 17:30-18:30 5-min presentations of participants *classroom 5th floor science building HHSR-506*



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Tuesday, January 24

9:00-10:15 Confocal Microscopy, Light-sheet microscopy – Dr. Kubitscheck- *corporate auditorium*

<https://mayor-cl.zoom.us/j/81805065413?pwd=dDZyWE4yWnBKYitya3RFUIV6YlBvdz09>

10:15-10:30 Coffee break *outside of corporate auditorium*

10:30-13:00 Group A Expansion II *corporate laboratory HCLM-Y14 (Ex. LM)*

10:30-13:00 Group B Intro to Microscopes II and III *microscopes in science building*

13:00-14:00 Lunch break *corporate building*

14:00-14:45 What is a Digital Image? – Dr. Kubitscheck- *corporate auditorium*

<https://mayor-cl.zoom.us/j/81805065413?pwd=dDZyWE4yWnBKYitya3RFUIV6YlBvdz09>

14:45-15:00 Coffee break *outside of corporate auditorium*

15:00-17:30 Group A Intro to Microscopes II and III *microscopes in science building*

15:00-17:30 Group B Expansion II *corporate laboratory HCLM-Y14 (Ex. LM)*

17:45-18:30 5 minute presentations of participants *classroom 5th floor science building HHSR-506*

Wednesday, January 25

9:00-10:15 Basics of Image Processing- Dr. Castaneda -*computer lab 5th fl. science*

<https://tufts.zoom.us/j/97523753129?pwd=TWh0ZnM1cWpiNXRpU0FLQW84TFdDz09>

10:15-10:30 Coffee break *5th floor science building*

10:30-13:00 Group A Imaging Expanded Samples (1.5x) *science building microscopes*

10:30-13:00 Group B Intro to Image Processing ImageJ/FIJI *5th floor science building*

13:00-14:00 Lunch break *la fabrica*

14:00-15:00 Segmentation and Deconvolution – Dr. Cerda - *5th-floor science building*

<https://tufts.zoom.us/j/97523753129?pwd=TWh0ZnM1cWpiNXRpU0FLQW84TFdDz09>

15:00-15:30 Coffee break *5th floor science building*

15:30-18:00 Group A Intro to Image Processing ImageJ/FIJI *5th floor science building*

15:30-18:00 Group B Imaging Expanded Samples (1.5x) *science building microscopes*



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Thursday, January 26

9:00-10:15 Introduction to Imaris- Dr. Rodriguez - *computer lab 5th floor science building*

<https://tufts.zoom.us/j/97523753129?pwd=TWWhOZnM1cWpiNXRpU0FLQW84TFdTdz09>

10:15-10:30 Coffee break *5th floor science building*

10:30-13:00 Group A Imaging Expanded Samples (4x) *microscopes- science building*

10:30-13:00 Group B Intro to Segmentation/Deconvolution- *5th floor science building*

13:00-14:00 Lunch break *la fabrica*

14:00-16:30 Group A Intro to Segmentation/Deconvolution *5th floor science building*

14:00-16:30 Group B Imaging Expanded Samples (4x) *microscopes- science building*

16:30-16:45 Coffee Break *5th floor science building*

16:45-18:00 Preparations of presentations, special sample
and mouse brain results - *HHLI-209 and 5th floor science building*

Friday, January 27

9:00-10:15 Preparation of Presentations, special samples and mouse brain results *computer labs*

10:15-10:30 Coffee break *5th floor science building*

10:30-13:00 Preparation of Presentations, special samples and mouse brain results *computer labs*

13:00-14:00 Lunch break *la fabrica*

14:00-16:15 Presentation of Results-groups of participants and Farewell *corporate auditorium*

<https://mayor-cl.zoom.us/j/81805065413?pwd=dDZyWE4yWnBKyitya3RFUIV6YlBvdz09>

16:15-16:30 Coffee break *outside of corporate auditorium*

17:00- Bus to downtown Santiago for optional cocktails and dinner (cost not covered)

Presentations available online

Please follow the appropriate links designated for each lecture

*we have two links, one for the corporate auditorium, and another for other lectures