NIH.AI [nihai]

NIH.AI Workshop on Image Segmentation

February 14, 2019

Meeting Description:

Hosted by NIH.AI, this highly interactive workshop will offer opportunities to exchange expertise and collaborate with NIH researchers ***at all career levels*** who are utilizing image segmentation technologies in their work. This three-hour workshop will include targeted presentations and will offer plenty of time for open discussion among peers and across disciplines.

The workshop will be held at NIH Building 45, Room F1/F2, on Thursday, February 14, 2019, from 1-4 PM.

Virtual attendance will be available via Cisco WebEx using the following instructions:

- WebEx URL: https://cbiit.webex.com/cbiit/j.php?MTID=m29a4710e074209fe8bb69a32b59e9919
- Phone: 650.479.3207
- Access Code 735 696 973

Created by Miles Kimbrough Last Modified Tue February 12, 2019 1:58 pm by George Zaki

Meeting goals:

- Educate the NIH community on available image segmentation resources and repositories
- Foster collaboration between meeting attendees

How to Register:

CLICK HERE to register, or visit https://lms.learning.hhs.gov/Saba/Web/Main/goto/GuestOfferingDetails?offeringId=class000000000141904&isFromDeeplink=true

Note: If you have not logged into AMS in the past 60 days, click to re-enable your profile. If you had multiple unsuccessful login attempts or you forgot your password, click to reset your password

Agenda:

1 - 1:15 pm Intro + Goals Discussion

1:15 – 1:50 Topic I: Pre-Processing and Post-Processing Pipelines – Matthew Guay, NIBIB

1:50 - 2:25 Topic II: Generative Adversarial Networks: Applications in Image Segmentation – Yanling Liu, FNLCR
Presentation: here
Github repo with source code and notebook: here

2:25 - 2:40 Break

2:40 - 3:15 Topic III: Deep Learning in Radiology: Applications in Lesion and Organ Segmentation – Yuxing Tang, Youbao Tang, NIH Clinical Center

3:15 - 3:40 Guided Discussion

3:40 - 4:00 Tech Demo/"Getting started" Overview

Questions?

Please contact either George Zaki (george.zaki@nih.gov) or Matthew Guay (matthew.guay@nih.gov).

Hosted by NIH.AI