

2021-02-04 Meeting notes

Date

04 Feb 2021

Attendees

Name	Attended
Jayashree Kalpathy-Cramer	
Ulli Wagner	Yes
Carolyn Klinger	Yes
Benjamin Bearce	Yes

Currently supported challenges

Name of Challenge	Organization / Meeting	Medici instance used	Release Training data	Release Validation data	Release Test data	Number of Participants	Closing Date	Will the challenge remain open?	Comments
SPIE-AAPM-NCI DAIR Digital Breast Tomosynthesis Lesion Detection Challenge (DBTex)		http://spie-aapm-nci-dair.westus2.cloudapp.azure.com/competitions/4	14 Dec 2020	1/4/2021	1/15/2021	132 registrants 9 submissions	1/25/2021		Challenge completed. The validation phase remains open.
Deep-learning for inverse problems: sparse-view X-ray Computed Tomography image reconstruction	Emil Sidky (UChicago)	Here's a link for the Challenge description /rules/timeline: https://www.dropbox.com/s/ciqqbal4xlxcn8x/DL-sparse-view-CT-challenge.docx?dl=0	3/17/2021						Emil will host the challenge data on his personal dropbox acct

Tasks / Deliverables

Task	Due Date	Deliverable	Status	
Support of at least new two challenges <ul style="list-style-type: none">MICCAI 2020SPIE-AAPM-NCI DAIR	8/30 /2021			
Reopen three previously executed challenges <ul style="list-style-type: none">process the results of new submissionsupdate the leaderboardsinform participants of their results	8/30 /2021		Ben to investigate how to reopen the challenges e.g. by adding a new phase Discuss with Jayashree which challenges to reopen, reach out to MICCAI organization group to ask if they would be ok to reopen. Verify that users can create accounts Are the images still available? Start with one challenge.	
Maintain and update the website	8/30 /2021			
<ul style="list-style-type: none">Capturing and providing metrics on the use of the MedICI website	8/30 /2021		Investigate Google analytics plug-in	

<ul style="list-style-type: none"> Capturing and providing metrics on the challenges 	8/30 /2021			
Investigate the use of MedICI for federated learning challenges	01 May 2021	Report		
Investigate the integration of MedICI with Kheops	01 Feb 2021	Report	Presentation: NCI Imaging Informatics Webinar The recordings are towards the bottom of the page. URL: https://kheops.online/	
Support the deployment of MedICI in NCI cloud environments	8/30 /2021			

Discussion items

Time	Item	Who	Notes
	Action Items		
	Upcoming challenges		BMMR2: Breast Multiparametric MRI for prediction of NAC Response (Organizer David Newitt, UCSF) <ul style="list-style-type: none"> Information from TCIA team: as of 08 Oct 2020 UCSF had not sent the majority of the data to TCIA for curation. Curation will take a few weeks What does this mean for the timeline of this challenge? Last update from David Newitt received on 10/06/2020 01 Dec 2020 - problems with data transfer to TCIA, data transfer now completed, TCIA is curating, David Newitt has been given access to the Medici instance <ul style="list-style-type: none"> COVID challenge (Randy Gollub, Jayashree Kalpathy-Cramer)
	Monthly status reports		
	Contract / invoice status / SOW		August invoice received, July invoice requested from Lynne Benoit to close out the contract year ending 8/30/2020. Submit cloud service invoices with the invoices for labor costs (needs to be handled at MGH).
	PIV card / GFE laptop / VPN		Laptop received, temporary pw that allows access to wiki
	Paper		The draft will be submitted by September 15, 2020. - Not received
	Videos		<ul style="list-style-type: none"> Hold the work on the video for now
	Other challenges		<ul style="list-style-type: none"> QIN UCSF - BMMR2 older still open challenges In the next few weeks, Medici might be used by MGH for challenges. It might be a separate effort.
	Strategy meeting		<ul style="list-style-type: none"> review paper open challenges back up (contract / funding) website

Action items