

Agenda: SAGE Community Workshop, May 2020

SAGE Community Workshop		
Agenda (updated: 5/7/20 21:30) All times are Central Time		
May 11, 2020: Day 1		
Start Time	Topic	Speaker(s)
11:00	Introduction	
11:00	Welcome, how the Zoom meeting will work	Pete Beckman, Nicola Ferrier
11:15	Sage Goals	Nicola Ferrier
11:35	Discussion & Questions	Valerie Taylor, Kate Keahey
11:45	SAGE Cyberinfrastructure: What is it?	
11:45	High-level Architecture	Pete Beckman
12:15	Timeline	Florent Fournol
12:20	3 Large examples: NEON , AoT , HPWREN	Eugene Kelly, Charlie Catlett, Ilkay Altintas
12:40	Panel: Cyberinfrastructure	Charlie Catlett, Scott Collis
13:00	Science Exemplars	
13:00	Introduction	Scott Collis
13:15	Case Examples:	Irene Crisologo, Vivien Rivera, Dan Horton, Aaron Packman, Seongha Park
14:00	Panel: Science with Sage	Jim Olds, Charlie Catlett
14:15	Education and Outreach	
14:15	Introduction	Valerie Taylor
14:30	Activities	Mike Papka
15:00	Panel: Bringing AI to students	Jennifer Dunn, Nicola Ferrier

15:15	SAGE for Pandemics	
15:15	Using environmental data to predict infectious disease	Rita Colwell
15:35	Social Distancing, Masks	Charlie Catlett, Marc Berman, and Howard Nusbaum
15:45	Seasonality / Wastewater / Animal contact	Paula Mabee
16:00	Panel: Sage for Pandemics	Jim Olds, Valerie Taylor
16:15	Adjourn	
SAGE Community Workshop		
Agenda (updated: 5/7/20 21:30) All times are Central Time		
May 12, 2020: Day 2		
Start Time	Topic	Speaker(s)
11:00	Deep Dive: Writing AI@Edge Code	Chair: Nicola Ferrier
11:00	How to train your AI	Seongha Park, Omar Zorob
11:15	What does the edge look like?	Yongho Kim, Jake Colleran
11:30	The Edge Code Repository	Wolfgang Gerlach, Kyle Marcus
11:45	Panel: The Future of AI@Edge	Nicola Ferrier, Pete Beckman
12:00	Deep Dive: The Data & Data Path	Chair: Ilkay Altintas
12:00	The data path: From Edge to Cloud	Sean Shahkarami, Ismael Perez
12:15	Training data	Seongha Kim, Ismael Perez
12:30	Data Model, DOIs.	Ilkay Altintas
12:45	Panel: Data for Science	Ilkay Altintas, Charlie Catlett
13:00	Deep Dive: Sage Nodes & Cyber	Chair: Rajesh Sankaran
13:00	What is a Virtual Waggle?	Sean Shahkarami
13:15	Running on Chameleon	Kate Keahey
13:30	Sage Blades, Wild Sage, and Cybersecurity	Rajesh Sankaran
13:45	Best Practices Software Development	Joe Swantek

14:00	Panel: Designing Sage for the Future	Rajesh Sankaran, Wolfgang Gerlach
14:15	Potential New AI@Edge Science	Chair: Kate Keahey
	Future of Mobility	Dan Work (Vanderbilt)
	Wind	Eric Bruning (TTU)
	EcoPods	Esther Singer (LBL)
	PAWR	Ivan Seskar (Rutgers)
	Urban Wildlife	Seth Magle (LP Zoo)
	Fire Science	Rod Linn (LANL)
	CHASE-CI	John Graham (UCSD)
15:00	A national AI@Edge Facility?	
	Overview Vision	Dan Reed
	Lessons from the Internet	Vint Cerf
15:40	Panel: What is needed for new kind of AI@Edge facility?	Pete Beckman, Nicola Ferrier
16:15	Wrap up and Thank You	