

# 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)
<b>11:00</b>	<b>Introduction</b>	
11:00	<a href="#">Welcome, how the Zoom meeting will work</a>	Pete Beckman, Nicola Ferrier
11:15	<a href="#">Sage Goals</a>	Nicola Ferrier
11:35	<a href="#">Discussion &amp; Questions</a>	Valerie Taylor, Kate Keahey
<b>11:45</b>	<b>SAGE Cyberinfrastructure: What is it?</b>	
11:45	<a href="#">High-level Architecture</a>	Pete Beckman
12:15	<a href="#">Timeline</a>	Florent Fournol
12:20	3 Large examples: <a href="#">NEON</a> , <a href="#">AoT</a> , <a href="#">HPWREN</a>	Eugene Kelly, Charlie Catlett, Ilkay Altintas
12:40	<a href="#">Panel: Cyberinfrastructure</a>	Charlie Catlett, Scott Collis
<b>13:00</b>	<b>Science Exemplars</b>	
13:00	<a href="#">Introduction</a>	Scott Collis
13:15	Case Examples:	Irene Crisologo, Vivien Rivera, Dan Horton, Aaron Packman, Seongha Park
14:00	<a href="#">Panel: Science with Sage</a>	Jim Olds, Charlie Catlett
<b>14:15</b>	<b>Education and Outreach</b>	
14:15	<a href="#">Introduction</a>	Valerie Taylor
14:30	<a href="#">Activities</a>	Mike Papka
15:00	<a href="#">Panel: Bringing AI to students</a>	Jennifer Dunn, Nicola Ferrier

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

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