Day 1 Virtual link: https://attendee.gotowebinar.com/register/2215553739245389837

September 27 Morning: Introduction, Platforms (All times in MDT)

9:00	Welcome	David Fahey, Monika Kopacz, Barry Lefer
9:10	Meeting Logistics	Rebecca Schwantes
9:15	AGES workshop goals and potential outcomes, big science questions	Carsten Warneke, Laura Judd, Patrick Veres, John Mak
9:30	AEROMMA urban, satellite	Carsten Warneke, Brian McDonald
9:40	STAQS	Laura Judd, John Sullivan
9:50	SARP	Melissa Martin
9:55	GOTHAAM	John Mak
10:05	CUPiDS	Sunil Baidar
10:15	ARL/UMD Cessna&mobile	Xinrong Ren
10:25	Panel Discussion and Q&A	Warneke, McDonald, Judd, Sullivan, Mak, Ren, Martin
10:45	Coffee break	
11:10	TEMPO	Xiong Liu
11:20	Satellite team presentations	**Frost** (moderator): TROPOMI (Levelt), JPSS (Kalluri), GEO-XO (Frost), GOSAT-2 (Sweeney), discussion
12:00	lunch	

September 27 Afternoon: Platforms, Regional Activities, Team Presentations

13:00	EPA monitoring	Luke Valin
13:10	NIST monitoring	Kim Mueller
13:20	Atlanta + ASCENT	Sally Ng, Jennifer Kaiser
13:30	THE CIX in Toronto	Cora Young
13:40	Lake Michigan/Chicago	Brad Pierce
13:50	Panel Discussion and Q&A	Valin, Mueller, Ng, Young, Pierce
14:10	Albany mobile Lab	Jie Zhang
14:20	NYC-METS	Andy Lambe, Drew Gentner
14:30	FROG-NY	Dylan Millet, Delphine Farmer
14:40	Panel Discussion and Q&A	Gentner, Millet, Zhang
15:00	Coffee Break	
15:20	AEROMMA marine	Andrew Rollins
15:30	EPCAPE	Lynn Russell
15:40	SCILLA	Mikael Witte
15:50	Panel Discussion and Q&A	Rollins, Russel, Witte
16:10	Instrument team presentations: marine sulfur, halogens	**Rollins** (moderator): AEROMMA (SO2, OCS, I-CIMS), Toronto (Clorine), EPCAPE (various)
16:30	Instrument team presentations: GHGs	**Mueller** (moderator): GOTHAAM (CO2/CH4/CO), CUPiDS (Picarro), AEROMMA (CO/N2O/CO2/CH4, DACOM/DLH), NYC-METS (TILDAS/LICOR, Freq-Comb), Toronto (CRDS)
17:10	ADJOURN	

Day 2 Virtual link: https://attendee.gotowebinar.com/register/5454544570371441164

September 28 Morning: Platforms, Stakeholders, Team Presentations

9:00	Instrument team presentations: Reactive nitrogen, ozone, radicals	**Wolfe** (moderator): AEROMMA (NOy/O3, NH3, OH reactivity, NightNOx), GOTHAAM (HOx/SO4 CIMS, ACOM), NYC-METS (ECHAMP, OH reactivity, baseline meas.), Toronto (QCL, baseline meas., AIM-IC-MS, ToF-CIMS total N), STAQS (sondes), CUPiDS (NOy/O3)
9:50	Instrument team presentations: non-satellite remote sensing	**Sullivan** (moderator): GCAS, HSRL2, HALO, AVIRIS-NG, MAX-DOAS, S-HIS, PANDORA, AERONET, TOLNET+
10:30	Coffee break - Take group photo	
11:00	Science outcomes from CalNex, SUNVEx, LISTOS, LMOS, etc.	Matt Coggon, Paul Miller, Angie Dickens
11:30	Ongoing needs and Stakeholder Discussion	NESCAUM, CARB (Kuwayama), LADCO (Dickens), NYC mayor's office
12:00	Lunch	

September 28 Afternoon: Team Presentations, Campaign Operation

13:00	Instrument team presentations: AOP, clouds, radiation	**Baidar** (moderator): GOTHAAM (HARP, PCASP/UHSAS/cloud probes), CUPiDS (Lidar), AEROMMA (AOP, AMP, LiNeph , SP2, actinic flux), Toronto (MOUDI, SMPS/OPS)
14:00	Instrument team presentations: organic gases	**Gilman** (moderator): AEROMMA (ISAF, PTR-MS, ACES, iWAS, NH4-CIMS, CT-CIMS), GOTHAAM (HR-ToF-CIMS, TOGA), NYC-METS (PTR-MS/I-CIMS/GC-ToF, OFR, GC-TOF-MS)
15:00	Coffee break	
15:30	Instrument team presentations: aerosol composition	**Farmer** (moderator): AEROMMA (BrC/PILS, HR-AMS, VIA NH4-CIMS, PALMS), NYC-METS (ACSM/LC-ToF, MOUDI, FIGAERO), FROG-NY (ACSM), GOTHAAM (AMS, A-ATOFMS), EPCAP (FALCON)
16:10	Campaign operations/coordinaton: daily logistics, forecasting calls, go-no go decisions, forecast timing, communication	**Veres** (moderator): Baidar, Judd, Wolfe
17:00	ADJOURN	

17:00		Breakout Session on Aerosols Virtual link: https://attendee.gotowebinar.com/register/4487861643812220171		Adam Ahern in SEEC N224 - In the event that AEROMMA participants focused on aerosol measurements wish to continue discussions regarding science objectives or sampling logistics, SEEC N224 will be made available from 17:00 - 18:00. There is no planned agenda.
Day 3 Virtual link: https://attendee.gotowebinar.com/register/462097675245342733				
September 29 Morning: Logistics, Flight Planning, Coordination, Data Management				
9:00		Forecasting and modeling team presentations		Pierce (moderator): NOAA (Schwantes, Schnell), NSF (Carlton), NCAR (Kumar), Wisconsin (Pierce), Post-Campaign (Jathar), NASA (Knowland)
9:40		Flight planning: status and first ideas		**Schwantes** (moderator): Sally Pusede (NO2 inequality maps), Schwantes/Warneke, Judd, Mak, Baidar, Ren, Rollins/Veres
10:30		Coffee break		
11:00		Open discussion about coordination opportunities		Warneke, Mak, Judd (Moderator): discussion
11:20		Data protocol, data repository, data sharing ethics		Ken Aikin, Gao Chen, John Mak
11:40		Missing measurements, funding and internship opportunities		Warneke, Mak, Judd (Moderator): discussion
12:00		ADJOURN		
13:00-14:30		Breakout Session on Interagency coordination on air quality and community health		Monika Kopacz in S228 Seivers
14:00-15:00		Coffee and light snacks in main C120 room		
14:30-16:00		Breakout Session on GRAAPES - GReenhouse gas and Air Pollutants Emissions System Virtual link: https://attendee.gotowebinar.com/register/1063208378732013835		Brian McDonald in SEEC N224 - The NOAA Chemical Science Laboratory (NOAA CSL) and the NIST's Greenhouse Gas (GHG) Measurement Program are commencing a joint activity (aka GRAAPES) to meet their respective mission goals. GRAAPES will enhance the Department of Commerce's capability to model and map greenhouse gas (GHG) and air pollutant emissions and their associated uncertainties. In this session, we will present GRAAPES including objectives, agency contributions, and future directions. We will also be soliciting feedback from the broader AQ and GHG community, seeking how to leverage and connect with efforts across state and federal programs.
13:00-17:00		Further parallel discussions possible		Main C120 Conference room
We are going to use the slido app for questions and discussion. Use the QR code below or go to https://app.sli.do/event/kCTmJMBcNGA8GZyV9EEA2m				
Check your email for the password				
For each session that requires discussion, we will use the main Q&A box. Addressed questions and questions we do not get to will be archived before the next session. If you are virtual and want to speak during the discussion, please raise your hand in GoToWebinar, so that the moderators know to elevate you so that you have speaking permissions.				