AMPAC Summer School

	19/09/2022	20/09/2022	21/09/2022	22/09/2022	23/09/2022
TIME	**Session 1 ASC Andenes**	**Session 2 ASC Andenes**	**Session 3 ASC Andenes**	**Session 4 ASC Andenes**	**Session 5 ASC Andenes**
9:00-9:45	Welcome/Introduction (Dirk Schuettemeyer, ESA)	Optical Remote Sensing Atmosphere - Christian Retscher, ESA	Active Remote Sensing land surface - Bartsch, BGEOS	Arctic Process Modelling - Ben Poulter, JPL	Synthesing Remote sensing, modeling and in situ observations - Gustaf Hugelius, Uni Stockholm
9:45-10:30	AMPAC Introduction (FMI/JPL)	Optical Remote Sensing Atmosphere (Johanna Tamminen, FMI)	Active Remote Sensing land surface - Bartsch, BGEOS	Arctic Process Modelling - Ben Poulter, JPL	Synthesing Remote sensing, modeling and in situ observations -Gustaf Hugelius, Uni Stockholm
10:30-11:00	*Break*	*Break*	*Break*	*Break*	*Break*
11:00-11:45	Arctic ecosystem science (BGEOS/JPL)	Ground-based RS Atmosphere, Mahesh Kumar Sha, BIRA	Optical & Thermal Remote Sensing land surface - Martin Wooster, KCL	Arctic Security - Kimberley Miner, JPL	Outdoor/indoor experiments
11:45-12:30	Arctic ecosystem science (BGEOS/JPL)	Airborne RS Atmosphere - Dirk Schuettemeyer, ESA	Optical & Thermal Remote Sensing land surface - Martin Wooster, KCL	Arctic Security - Kimberley Miner and Chip Miller, JPL	Outdoor/Indoor experiments
12:30-2:00	*Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*
2:00-3:00	NASA ABOVE status & PLANS - Chip Miller	Outdoor/Indoor experiments	Outdoor/indoor experiments	Outdoor/indoor experiments	Group Presentations
3:00-4:00	NASA ABOVE Topics- Chip Miller and Kimberley Miner	Outdoor/Indoor experiments	Outdoor/Indoor experiments	Outdoor/Indoor experiments	Group Presentations
4:00-4:30	*Break*	*Break*	*Break*	*Break*	*Break*
4:30-5:30	Gerenal ESA AMPAC Topics including an introduction round, defining individual learning goals, choosing personal topics to work on during the week	Active Remote Sensing Atmosphere - Andreas FIX, DLR	Land Surface Interaction - Chip Miller, JPL	Indigenous traditional knowledge (JPL)	Wrap up, feedback collection
5:30-6:30		Active Remote Sensing Atmosphere, Andreas Fix, DLR	Fire applications - Martin Wooster, KCL	Indigenous traditional knowledge (JPL) / local community involvement (U Lapland)	Closing
6:30-7:30	*Break*	*Break*	*Break*	*Break*	*Break*
7:30-8:30	Ice Breaker		Science Communication (AAAS-Science Magazine)		
8:30- 9:30	Ice Breaker	Poster Session	Science Communication (AAAS-Science Magazine)	Open Disscussion on how to address Arctic Vulnerability	
9:30-10:00	Ice Breaker	Poster Session	Optional breakouts	Open Disscussion on how to address Arctic Vulnerability	