

## Session 1: NewSpace Optical Payloads (6/7 Nov 2023)

Chair

C. Buisset

Day 1 - Monday November 6th, 2023 - NewSpace Optical Payloads						
Start	Stop	Title	Speaker	Affiliation		
13:45	14:00	Introduction	V. Kirschner & C. Buisset	ESA		
Session #1-1		Compact and high performance VIS/SWIR sensors - Part 1	<i>Session Chairs: Christophe Buisset &amp; Arnaud Heliere</i>			
14:00	14:30	INVITED TALK - ESA presentation "NewSpace Optical Payloads at ESA"	Arnaud Heliere	ESA		
14:30	14:50	HYPERNOR. Hyperspectral camera for microsattellites, designed for high spatial resolution and high data fidelity.	Magnus Breivik	NEO		
14:50	15:10	Nuscis: XCAM's Next Generation Imaging System for CubeSats and Small Satellites	J. Endicott	XCAM		
15:10	15:30	NIORD: a compact high-resolution low-light imager for marine traffic surveillance	A. Bouée	REOSC		
15:30	15:50	Pre-Launch Calibration of the HYPISO-2 Cubesat Hyperspectral Imager	Marie Bøe Henriksen	Norwegian University of Science and Technology		
15:50	16:20	Coffee break				
Session #1-2		Innovative concept - Part 1	<i>Session Chairs: Berit Ahlers and Nicola Melega</i>			
16:20	16:40	Compact ceramic telescope made with cordierite	D. de Saint Seine	BERTIN		
16:40	17:00	ALART – A multi-kHz multispectral scanning single photon counting vegetation lidar	Chris van Dijk	COSINE		
17:00	17:20	Compact Flash LIDAR for New Space Applications	Eleonor Bosch	CSEM		
17:20	18:00	Discussion				