



# Open Source CubeSat Workshop 2020

## Saturday 12 December 2020

### **Room #2: Talks (14:15-16:00)**

**-Conveners: Artur Scholz; Nikoletta Triantafyllopoulou**

time	[id] title	presenter
14:15	[31] An Open Source Implementation of the ECSS PUS Services in Rust	
14:35	[2] r2cloud - how to build distributed ground station network alone	
14:55	[14] Cronos sounding rocket	
15:15	[19] Charting the development of the Open Source Space Ecosystem	
15:35	[18] OLLO - A 3U Open Access astronomical telescope mission	

### **Room #2: Discussion/Tutorial (16:45-18:00)**

**-Conveners: Fernando Martin**

time	[id] title	presenter
16:45	[23] Python Implementation of CCSDS File Delivery Protocol (CFDP)	
17:15	[24] Standardization of CubeSat PC/104 Connector	

# Sunday 13 December 2020

## **Room #2: Talks (14:10-16:00)**

**-Conveners: Manthos Papamatthaiou; Eleftherios Kosmas**

time	[id] title	presenter
14:10	[26] MetaSat: Metadata for SmallSat Missions	
14:30	[17] Nanospace, an open source tool to help concurrent engineering teaming in cubesat preliminary design	
14:50	[11] An Open-Source on-board computer platform for CubeSats	
15:10	[37] Doppler Based Orbit Determination with Optimization	
15:30	[13] QUBIK Twins: The unplanned mission of an unbuilt satellite to be integrated into a deployer that does not exist	

## **Room #2: Discussion/Tutorial (16:45-18:00)**

**-Conveners: Eleftherios Kosmas**

time	[id] title	presenter
16:45	[4] Restful Data Storage and Visualization	