

SatNEx Summer School 2019

23-26 September 2019

Final Program

	23 Sep	24 Sep	25 Sep	26 Sep
10:00 – 11:00	Introductory remarks by EnduroSat /Raycho Raychev/	Ground Stations Architecture and Operations /Nader Alagha/	High Throughput Satellites: the Past, the Present and the Future /Alberto Ginesi/	State-of-the-art SmallSat Payload /Alexander Kolev & Ivan Nedelev/
11:00 – 12:00	Satellite Communications, Background /Peter Garland/			
12:00 – 13:00		Lunch	Lunch	Lunch
13:00 - 14:00	Lunch	Integration and Fusion of Space and Ground Technologies and Infrastructures /Marco Lisi/	State-of-the-art “BigSat” Satellite Payload /Glyn Thomas/	AI and Advanced Signal Processing for achieving record breaking spectral efficiency /Ana Isabel Pérez-Neira/
14:00 – 15:00	Ground Segment services for SmallSats /Giovanni Pandolfi/			
15:00 – 16:00		Hands-on workshop: Assemble a CubeSat /Kiril Kirov/	Visiting the EnduroSat RF lab	Closing Remarks
16:00 – 17:00	Hands-on workshop: Link Budget with EnduroSat modules /Ivan Nedelev & Victor Danchev/			
17:00 – 18:00		Discussion time (optional)	Discussion time (optional)	
18:00 – 19:00			Guided tour of Sofia	
19:00 – 20:00				
20:00 – onward			Traditional Bulgarian Dinner (Social event)	