



... cnes ...



SCHEDULE



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OPS



ENV

Start	Timing	Title	Speaker
09:00	30'	Introduction	Marine RUFFENACH (COMET-ENV), Gerard GALET (COMET-OPS), Julien LAURENT-VARIN (COMET-ORB)
09:30	30'	Review of magnetic activity indices	Aude CHAMBODUTISGI (EOST, Université de Strasbourg/CNRS)
10:00	30'	Which solar inputs for the specification of the upper atmosphere ?	Thierry DUDOK DE WIT (LPC2E, CNRS/CNES/Université d'Orléans)
10:30	15'	Pause	
10:45	30'	The need for data in atmospheric models	Sean BRUINSMA (CNES)
11:15	30'	The problem of the upper atmosphere in mission analysis (problems, state of the art and perspectives)	Hugo VEILLEZ, Nicolas TCHINTCHARADZE (CNES)
11:45	120'	Lunch break	
14:00	30'	Experience at ESOC in orbit determination and on-going research in drag modeling	Pere RAMOS (ESOC)
14:30	30'	Testimonies and RETEX operations related to space weather	Séverine BELLOIR (CNES)
15:00	30'	The ESA Space Weather Service Network Products and Services Supporting Atmospheric Drag Calculation: Current Capabilities and Outlook	Alexi GLOVER (ESOC)
15:30	60'	Round table	
16:30		End	

Round table

Theme	Animator
What innovation for short term prediction ?	Sean BRUINSMA
Use of official European ESA services, should we change the current methods ?	Gerard GALET
New mission typology lead to new needs. Is density prediction a relevant topic for future missions ? Formation flight / attitude etc ...	Nicolas TCHINTCHARADZE