

[CCT ENV] OMERE 5.0 Workshop

May 15-16, 2017 - CLS Auditorium, Toulouse, France

Final Program (Monday, May 15, 2017)

12:00		Welcome Lunch
13:30	15mn	Context, Objectives, Partnership <i>Denis Standarovski, CCT-ENV, CNES, France</i>
PART 1 : General		
13:45	15mn	OMERE v5 - Introduction <i>Athina Varotsou, TRAD, France</i>
14:00	25mn	Mission parameters and orbit definition <i>Athina Varotsou, TRAD, France</i>
PART 2 : Environment		
14:25	15mn	Introduction to the space environment <i>Athina Varotsou, TRAD, France</i>
14:40	30mn	Cosmic Rays Models <i>Robert Ecoffet, CNES, France</i>
15:10	30mn	Break
15:40	45mn	Solar Particles <i>Piers Jiggins, ESA, Netherlands</i>
16:25	15mn	Geomagnetic Shielding Models <i>Vincent Maget, ONERA, France</i>
16:40	60mn	Trapped Particles Models <i>Angelica Sicard, ONERA, France</i>
17:40	30mn	Round table : perspectives (GREEN, AE9/AP9, SAPHIRE) + questions
18:10		End of first day

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08:45		Coffee
09:30	15mn	Introduction <i>Denis Standarovski, CCT-ENV, CNES, France</i>
PART 3 : Cumulative Effects		
09:45	20mn	Total Ionizing Dose in OMERE <i>Pierre Pourrouquet, TRAD, France</i>
10:05	15mn	Total Non Ionizing Dose in OMERE <i>Pierre Pourrouquet, TRAD, France</i>
10:20	10mn	TNID recent studies results (R&T CNES/TRAD 2016) <i>Pierre Pourrouquet, TRAD, France</i>
10:30	15mn	NEMO-ONERA Code <i>Christophe Inguibert, ONERA, France</i>
PART 3 : Single Event Effects		
10:45	20mn	Presentation of the OMERE SEE interface <i>Jérémy Guillermin, TRAD, France</i>
11:05	25mn	Break
11:30	20mn	SEE test results: modelling, optimisation <i>Nicolas Sukhaseum, TRAD, France</i>
11:50	20mn	Critical Parameter Definition: sensitive cells, sensitive volume thickness <i>Nicolas Sukhaseum, TRAD, France</i>
12:10	15mn	SIMPA, METIS Models <i>Cécile Weulersse, Airbus Innovation Group, France</i>
12:25	90mn	Lunch
14:00	15mn	Environnement Specification <i>Robert Ecoffet, Radiation Partnership, France</i>
14:15	20mn	Transfer Function and contribution of the trapped protons in SAA <i>Guy Rolland, CNES, France</i>
PART 4 : Users Feedbacks – The future		
14:35	20mn	User Feedback – Airbus <i>Renaud Mangeret, Airbus, France</i>
14:55	20mn	User Feedback – SODERN <i>Matthieu Beaumel, SODERN, France</i>
15:15	30mn	The future: new effects (proton direct ionization, SEE electrons...), new modelling (end of the LET ?)... <i>Robert Ecoffet, CNES, France</i>
15:45	20mn	Break
16:05	15mn	Future OMERE versions <i>Athina Varotsou, TRAD, France</i>
16:20	30mn	Round table : collection of user needs
17:00		End of Workshop