Tools to predict Single Event Effects

13 Dec. 2022

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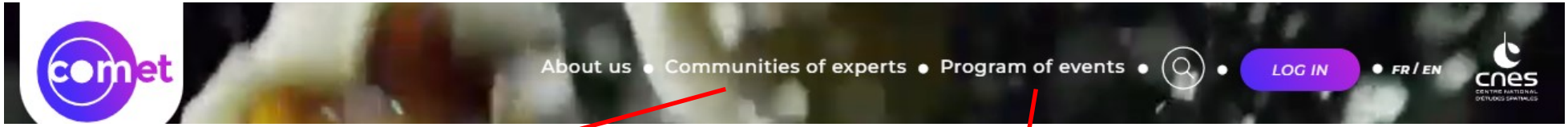
COMET website

- comet-cnes.fr



25 communities such as :

- ENV - Atmopsheric and Space Envionment
- CYB - Cybersecurity
- MAT - Materials
- ORB - Orbital mechanics
- OPS - Operations and Exploitations of Space Missions

JOIN THE COMMUNITY

Décembre 2022

13 décembre 2022

de 08H30 à 18H00

EN SAVOIR +

Tools to predict Single Event Effects

ENV - Environnement Spatial et Atmosphérique

COMET-ENV is pleased to inform you that the event "Tools to predict Single Event Effects" will take place on December 13, 2022 at Toulouse. This event can also be followed online. You have to choose only one type of ticket for the day : in person (at Toulouse), or online. Tools allowing to predict the effects of ionizing particles on components as well as to calculate the rates in orbit ...

NOOUS, Toulouse, France

EN

Accessible via visioconférence

Public

=> with Laurent ARTOLA

Schedule of the day

9h00 - Introduction
9h05 - Generalities

Session 1 : Radiation engineering tools
9h20 - OMERE
9h40 - SIMPA and METIS
10h00 - G4SEE
10h20 - 10h45 : Coffee break
10h45 - SEEU
11h05 - RAD-RAY

Session 2 : SEE modeling approaches dedicated to the design of radhard components
11h25 - TFIT
11h45 - SoCFIT

Break - Buffet

13h50 - TIARAT
14h10 – SELEST

Session 3 : SEE modeling approaches dedicated for the evaluation and the hardness improvement of space devices
14h30 - Ecorce
14h50 - 15h10 : Coffee break
15h10 - TRADCARE
15h30 - MUSCA
15h50 - PredicSEE
16h10 - DARE SET
16h30 - 16h50 : Answers to questions that have been asked throughout the day.
16h50 - 17h10 : Break
17h10 - 18h00 : Private session for presenters and COMET organizers.

15 minutes for the presentation and
5 minutes for questions

➢ Online : ask your questions here