European Radiation Facilities Network ERFNet

Martina Giraudo

Radiation&Debris team, Thales Alenia Space in Italia, Turin

for the ERFNet collaboration

WRMISS Survey

WRMISS community one of the most important community in space radiation for human exploration

> Lots of experts in different knowledge fields interesting for ERFNet
> Possible future ERFNet contributors and users

Survey goal: to collect opinions and suggestions from the WRMISS community on possible ERFNet content options and/or variations

> To provide the space users with easy access to complete datasets of environment & radiation data, existing simulation results, ...
> To identify the most useful options inside ERFNet system, to start addressing their necessary interfaces from the beginning

WRMISS community will therefore be asked to evaluate the foreseen contents in this preliminary phase and, at the same time, to provide the ERFNet team with useful suggestions on possible additional / improved options

WRMISS Survey

Feel free to skip questions!

First part to identify the background of the person compiling the survey

1) Name, Surname (Optional) : ....

2) What is your role in your group? ....

3) Which kind of work do you perform? Check all that apply:

Radiation Simulations	☐	Mission Planning	☐
Radiation Tests	☐	Space Environment Measurements/Analyses	☐
Electronics Development	☐	Radiobiology	☐
Materials Development	☐	Spacecraft architecture/configuration	☐

Others ....

4) Which of the following radiation tools did you / are you using?

ESA SPENVIS	☐	CRÈME	☐
MULASSIS	☐	NASA OLTARIS	☐
HZTRAN	☐	SRIM/TRIM	☐
Geant4 / GRAS	☐	FLUKA	☐
PHITS	☐	MCNP	☐
TRIP98	☐	....	☐

WRMISS Survey

Feel free to skip questions! Feel free to add answers!

You will be asked to give us feedbacks on:

- Additional datasets to be included in ERFNet

- Importance of physical facilities and or virtual ones

- Possible upgrades on existing facilities

- Needs for new facilities

- General improvements

- Suggestion for collaborations

Thank you!