

Context of the Workshop

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ESA Space Environments and Effects
Analysis Section

<http://www.estec.esa.int/wmwww/wma/>

Radiation Effects on Space Systems

- Effects on payloads
 - Science missions: a wide range of possible interference and damage
- Effects on man
 - ISS
 - Aurora (preparatory programme for manned planetary exploration)
- Effects on systems
 - Electronics
 - (SEU and associated problems); Internal charging

Geant4 Collaboration

- A very healthy venture
 - Organised, reviewed, promoted
- User requirement domains
 - Space Users are a special class