



RADSAGA

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ESR 13 Outreach proposal

RADSAGA Training Workshop – March 2018

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Outreach specification

Outreach description and goal

Short real or animation movie

Show the impact of the radiation effects in the daily-live activities and in an accelerator environment

Target public

Youngsters

General public

Non-scientists

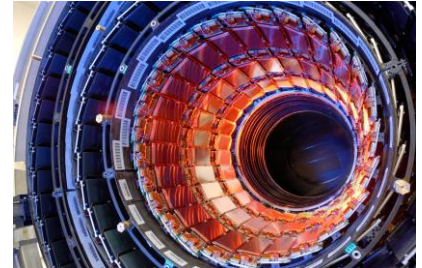
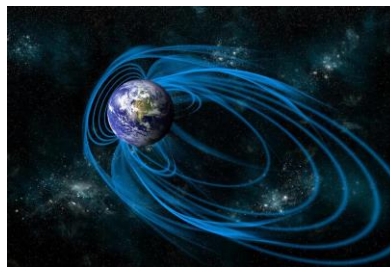
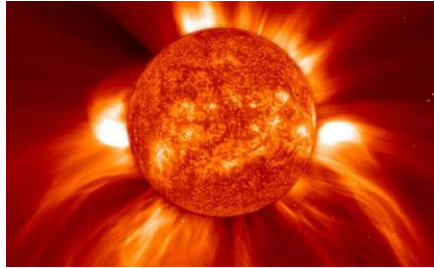
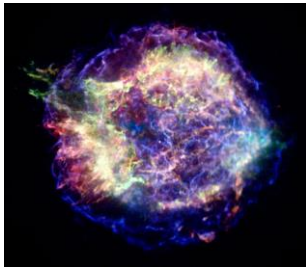


Implementation - Introduction

Radiation sources

Impressive visual effects to show the sources of radiation on space

Impressive images from accelerators facilities



Implementation - Problem

Space

Transmission of the football championship stopped due to a failure in the satellite



Aviation

Emergency landing due to a failure in a electronic equipment



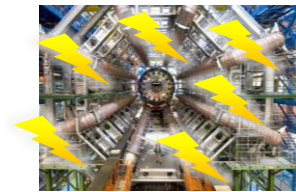
Ground

Emergency stop due to a failure in an autonomous car



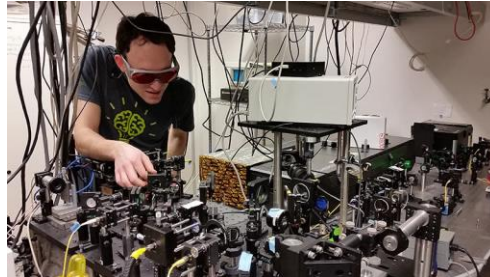
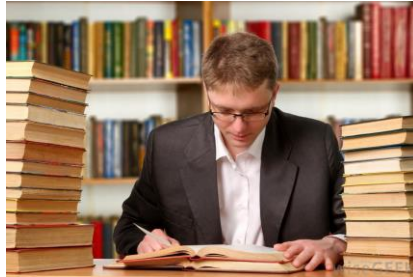
Accelerator

A failure in a electronic component embedded in an accelerator



Implementation - Solution

Some brief scenes of universities, industries, research laboratories and test facilities workers and students working together to improve the reliability of electronics in Space, Aviation, Ground and Accelerators



Implementation - Problem solved

Space – People enjoying the football championship by means the good satellite transmission

Aviation – People relaxing in the airplane because they trust the tolerant system of the air plane

Ground – People relaxing in the autonomous car because they know that the system was tested and approved

Accelerator – Engineers are happy because the component embedded in the accelerator is working very well



Thank you