

23-30 Oct 2023  
EMFCSC  
Erice (Sicily)  
Italy



**Directors of the school**

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for more information:  
[indico.cern.ch/e/RadSchool\\_Erice](https://indico.cern.ch/e/RadSchool_Erice)

# The 12<sup>th</sup> Course of the International School of Radiation Damage and Protection

Challenges in Radiation Damage & Radiation Protection during  
Design and Operation of Accelerator Facilities and Space Missions

**Topics:** RADIATION ENVIRONMENT, STRUCTURAL DAMAGE, DAMAGE OF ELECTRONICS COMPONENTS, ACTIVATION, MODELS AND TOOLS, MATERIAL CHOICES, COMPONENT DESIGN AND TESTING, DAMAGE MONITORING, HADRON AND HEAVY-ION ACCELERATORS/COLLIDERS, ELECTRON ACCELERATORS, LIGHT SOURCES, HIGH POWER TARGET FACILITIES, HIGH-ENERGY PHYSICS EXPERIMENTS, SPACE RADIATION APPLICATIONS

