

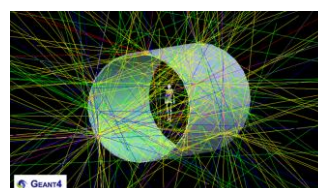
Women in Physics Lectures 2021

Radiation protection of astronauts in human missions to Mars: simulation and reality.



Join us to hear from the 2021 AIP Women in Physics lectureship award winner.

A/Prof Guatelli trained as a nuclear physicist at the University of Genova, Italy. In 2003 she had the opportunity to undertake a PhD in physics, based at the European Organization for Nuclear Research (CERN). Her enthusiasm for medical physics drove her to study possible radiation protection solutions for human mission to Mars (a project led by the European Space Agency) as her PhD research topic. In 2007 she moved to Australia and since 2009 she has been an academic at the School of Physics, University of Wollongong where she is the academic director of the Medical Radiation Physics Bachelor Degree. She is an internationally recognised expert of Monte Carlo simulations for medical applications, including radiation protection of astronauts.



PRESENTED BY:

**ASSOCIATE PROFESSOR
SUSANNA GUATELLI**

2021 WOMEN IN PHYSICS
LECTURER

CENTRE OF MEDICAL AND
RADIATION PHYSICS

SCHOOL OF PHYSICS

UNIVERSITY OF
WOLLONGONG

State	Date Time, Location
	26 th April 6 pm, Science Space Wollongong
NSW	27 th April, 6 pm Macquarie University
VIC	11th-13th May
QLD	26th-28th May
TAS	8th-11th August
SA	23rd-27th August
WA	31st August - 2nd September