



# Table of contents

Wednesday 06 October 2021 .....	1
---------------------------------	---

# Joint ICTP-IAEA Virtual Workshop on Atomistic Modelling of Radiation Damage in Nuclear Systems | (smr 3573)

## Wednesday 06 October 2021

### Contributed talks - Online (14:00-15:00)

time	title	presenter
14:00	Radiation damage suppression in AISI-316 steel nanoparticles: implications for the design of future nuclear materials	EMILY ARADI
14:10	Classical molecular dynamics simulations of hypervelocity nanoparticle impacts on tungsten	PRASHANT DWIVEDI
14:20	Direct Transformation of Stacking Fault Tetrahedrons to Voids under Irradiation in Pure Ni and NiCoCr Medium- Entropy Alloys	YEPING LIN
14:30	Nuclear analysis and assessment of irradiation effects on the Divertor Plasma Facing Components of the DEMO fusion reactor	SIMONE NOCE
14:40	Molecular Dynamics Simulations of Simplified Sodium Borosilicate Glasses for Nuclear Field Applications	POOJA SAHU
14:50	A experimental-numerical study of microstructural evolution of tungsten under fusion conditions	VARUN SHAH