

TEACHING STAFF	SCIENTIFIC FIELD	NOTES
Manolakos D.	Adiabatic shear zones in metal forming processes under high deformation rates	Related topics: Manufacturing Processes, Fracture Mechanics Mainly experimental work in Bulk Metal Forming
	Adiabatic shear zones in high speed machining	Related topics: Metal Cutting, Fracture Mechanics Mainly experimental work in Metal Removal Processes
	Optimised plasma-sprayed ceramic coatings	Related topics: Surface Engineering Mainly experimental work
	Crashworthiness of thin-walled structures	Related topics: Crash analysis of thin-walled structural components from a behavioural point of view. Experimental work and may be computational analysis of the impact process.
Vouyiouka S.	Development and Applications of Vitrimers Polymers with Reprocessing and Recycling Capability	
Tsakiridis P.	Development of anti-corrosion and anti-wear coatings (electrolytic, thermal spraying, laser cladding, physical and chemical vapor deposition)	
	Welding of similar and dissimilar alloys (SMAW, MIG/MAG, TIG, Laser, Electron Beam, Brazing)	
	Corrosion behavior and cathodic protection of metallic materials	
	Hydrogen embrittlement phenomena in metallic materials	
Badogiannins E.	Concrete and Mortar Technology	
Charitidis C.	Recycling of Composite Materials	
	Design and construction of carbonization/pyrolysis system	
Zervaki A.	Optimization of FSW welds of Al-Cu-Li alloys and study of mechanical behavior	
	Experimental investigation of fatigue behavior of austenitic stainless steel 316L in cryogenic conditions	