

UNIRI Faculty	Name and Surname	Organisational Unit	Keywords connected to research interests
<u>Faculty of Humanities and Social Sciences</u>	Antonija Primorac	English Department	(Neo-)Victorian; adaptation; translation; literary theory and history, DH
	Ivan Cerovac	Philosophy Department	Epistemic Democracy, Political Epistemology, Digital Democracy, Public Reason, Epistemic Injustice
	Ivan Lupić	Department of English and Department of Croatian	Anglophone literatures and cultures, Croatian literature, book history, manuscript studies, theater history
	Marina Vicelja Matijašić	Department of Art History / Center for Iconographic Studies	Early medieval art of the North Adriatic; interdisciplinary research of images, biographies of artworks
<u>Faculty of Physics</u>	Tomislav Terzić	Division of Theoretical Physics and Astrophysics, Laboratory for Astroparticle Physics	Lorentz invariance violation, quantum gravity, very-high-energy gamma-ray astronomy and astrophysics, active galactic nuclei
<u>Faculty of Mathematics</u>	Andrea Švob	Division of Discrete Mathematics	Combinatorial design; graph; error-correcting code; finite group; finite geometries
	Marija Maksimović	Division of Discrete Mathematics	Strongly regular graphs; orbit matrices; combinatorial designs; distance-biregular graphs
	Marijana Butorac	Division of Algebra and Number Theory	Principal subspaces, affine Lie algebras, Rogers-Ramanujan identities, combinatorial bases
	Sanja Rukavina	Division of Discrete Mathematics	Incidence structures, combinatorial designs, graph theory, automorphism group, linear codes
<u>Faculty of Civil Engineering</u>	Gordan Jelenić	Chair of Engineering Mechanics	Continuum mechanics, non-linear elastic Cosserat theory, micropolar theory, Lie groups
	Josip Peranić	Department of Hydrotechnics and Geotechnics / Chair of Geotechnics	Unsaturated soil, landslides; transient rainfall infiltration; suction monitoring, water retention curve
	Leo Škec	Chair of Applied Mechanics	Composite structures, adhesive joints, finite element analysis, metamaterials, structural analysis
	Nina Čeh	Engineering Mechanics Group	Seismic analysis, experimental investigation, blocky structures, multiple support excitation, dynamic characterisation
	Nino Krvavica	Department for Hydrological Engineering	Flood risk, compound events, hydrological modelling, hydraulic modelling, machine learning, remote sensing
	Sanja Dugonjić Jovančević	Geotechnical Department	Landslides hazard, coastal vulnerability, modelling, monitoring, karst -flysch correlation

	Teo Mudrić	Engineering mechanics	Peridynamics, Computational mechanics, Contact mechanics, Multibody dynamics
<u>Faculty of Medicine</u>	Kristina Grabušić	Dpt. for Physiology, Immunology and Pathophysiology	Extracellular vesicles, traumatic brain injuries, liquid biopsy, cerebrospinal
	Mladenka Malenica	Department of Medical Chemistry, Biochemistry and Clinical Chemistry	Extracellular vesicles, asymmetric flow field flow fractionation (AF4), honey, nanotechnology, therapeutic, drug-delivery
<u>Faculty of Maritime Studies</u>	Borna Debelić	Department of Maritime Logistics and Management	Commons governance, coastal zone management, transport economics, port management
<u>Faculty of Biotechnology and Drug Development</u>	Antonija Jurak Begonja	Laboratory for haematopoiesis	Cell biology, platelets, blood, megakaryocytes, phosphoinositides
	Duško Čakara	Centre for Micro- and Nanosciences and Technologies /Laboratory for Colloids, Polyelectrolytes and Interfaces (LCPI)	Physical chemistry, colloids, surfaces, spectroscopy, electrochemistry
	Igor Jurak	Laboratory for Molecular Virology	ADAR1, HSV-1, miRNAs, RNA-editing, novel drugs
<u>Faculty of Engineering</u>	Ervin Kamenar	Mechanical Engineering Department	Koopman operator theory, soft robotics dynamical systems, rehabilitation robotics
	Jonatan Lerga	Department of Compute Engineering	Digital signal processing, artificial intelligence, machine learning applications, image processing, time-frequency signal analysis
	Kristijan Lenac	Artificial Perception and Autonomous Systems Laboratory (APASLAB)	Artificial Intelligence, Privacy-Preserving Technologies, Distributed Systems, Cybersecurity, Blockchain
	Saša Zelenika	Laboratory for Applications Blockchain Technology	Energy harvesting, optimisation, autonomous sensor networks, environmental protection, green and digital transition
<u>Faculty of Law</u>	Martina Bajčić	Department of Foreign Languages	AI-powered legal translation; EU multilingualism; multilingual legal interpretation; legal terminology
	Sanja Barić	Constitutional Law Chair	Human rights, equality, civil society, animal law, AI-verse and law
	Ivana Kunda	Institute for European and Comparative Law	EU law, digital law, artificial intelligence, cross-border matters, digital transformation, legal tech

<u>Faculty of Tourism and Hospitality Management</u>	Marko Perić	Department of Management	Sports tourism; sports management; business models; event impacts; technology
	Sabina Hodžić	Department of Public Finance	Public finance, international taxation, environmental economics, local and regional development
UniRi Institute for Future	Marko Kovačić	Centre for Peace & Conflict Studies	Public policy, youth, education