

Call for expression of interest
Marie Skłodowska-Curie Postdoctoral Fellowship
(MSCA-PF-2022)

The University of Split hereby welcomes expressions of interest from excellent researchers who intend to apply for MSCA PF 2022. MSCA applicants will have the opportunity to work as a part of our research groups and they will receive mentoring from the UNIST supervisor and administrative support from the Science Office.

The University of Split, as an HRS4R award holder, supports excellence in research and innovation through the implementation of HR Strategy for Excellence in Research and endorsement of the Charter of Code for Researchers and ALLEA. The University has a long record of experience in implementation and supporting the implementation of projects co-financed from the European Social Fund and the European Regional Development Fund, as well as European Union programs: Horizon 2020, Erasmus+ (Key Activities 2 and 3), Interreg, EuropeAid, etc. At the moment, there we have 120 ongoing projects, either funded from national sources, such as the Croatian Science Foundation and the Ministry of Science and Education, or EU programs and funds. For several years now, the University of Split is continuously taking part in academic ranking, and it accomplishes high results both on a national and international level. As Times Higher Education Impact Ranking results for 2021 show, the University of Split, as the only Croatian university on the list, was ranked for 10 out of the total 17 United Nations Sustainable Development Goals. As a confirmation of the University's dedication to Open Science principles, in 2020, as a part of the U-multirank World University Ranking, it has been ranked as one of the Top 25 Performing Universities in Open Access Publications.

At the University of Split, there are more than 19,000 students, along with 800 foreign and exchange students, enrolled across 81 undergraduate, 87 graduate, 5 postgraduate vocational, and 21 doctoral programs. The degree programs are designed in a way to facilitate job market entry for our students and to encourage them to take part in life-long learning activities.

Supervisor's profile:

Science field:	Information/computer science
Supervisor:	Vladan Papić, PhD, Full Professor
Research keyword:	computer vision, expert systems, artificial intelligence, remote sensing
Supervisor's CV	Vladan Papić, PhD, Full Professor
ORCID number:	0000-0002-1873-6353
Research ID:	K-3359-2012

Google Scholar ID:	https://scholar.google.com/citations?user=OmPUlukAAAAJ&hl=en
Personal web-page link:	https://nastava.fesb.unist.hr/nastava/nastavnici/detalji/vpapic

**Computer Intelligence in Recognition and Support of Human Activities research group -
Department of Electronics and Computing (Faculty of Electrical Engineering, Mechanical Engineering, and Naval Architecture)**

At the [Department of Electronics and Computing](#), there are 12 chairs and 17 ongoing projects focused on wireless communication, base station systems, and naval communication, while at 33 laboratories scientists apply simulations and precise measuring which allowed them to develop a Real-Time Fire Detection System. Faculty of Electrical Engineering, Mechanical Engineering, and Naval Architecture carries out research and offers 2 doctoral programs in the field of electronics and information technologies and mechanical technologies. Agency for Higher Education has awarded both PhD programs with Certificate and Label of High Quality (level 6).

[Computer Intelligence in Recognition and Support of Human Activities research group](#), within the Institute of Electronics and Computing, conducts research across a broad range of topics: sports events analysis, detection, and object monitoring, robotics, human-machine interaction, control, and optimization, machine learning, biomechanics and GPGPU accelerated picture processing. Group has 2 laboratories on disposal: Laboratory for biomechanics, automatics and systems and Laboratory for expert systems, machine learning, and image processing – equipped with a wide range of devices for measurements in biomechanics (Sila platform, EMG, Xsens inertial sensor) and image and signal acquisition (sensor gloves, accelerometers, and Kinect). The lab also has access to UAVs, mobile robotic platforms, robotics sets, and several types of embedded computers.

Group carries out an inter-faculty collaboration with the Faculty of Kinesiology and the Faculty of Science, and as well as with several foreign universities - University of Leeds, Hochschule Bonn-Rhein-Sieg, and the Slovak University of Technology Bratislava, just to name a few.

Supervisor's research area includes: digital image processing, robotics, machine learning (recognition and classification), design of knowledge-based systems,

Selected participants will receive mentoring support from Professor Vladan Papić, PhD, while the Science Office will provide them with administrative support during the proposal writing and submission process.

Prospective candidates should be in possession of a PhD degree and must not reside in Croatia for more than 12 months in the last 3 years. We are kindly asking you to send your curriculum vitae, along with the *One-page proposal* (available [here](#)), directly to the supervisor of your choice, in this case, Professor Vladan Papić, PhD (vpapic@fesb.hr) with adding znanost@unist.hr in the e-mail copy. As a subject, please indicate “MSCA_PF_2022_mentoring_candidate name and surname”.