



FERIT

FACULTY OF ELECTRICAL ENGINEERING,
COMPUTER SCIENCE AND INFORMATION
TECHNOLOGY OSIJEK

Master study programme
Automotive Computing
and Communications

**Auto
Com²**

**INVEST IN YOUR FUTURE,
STUDY AT FERIT**

2019/2020



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PARTNER COMPANIES

The first initiative related to the master's (graduate) study programme AUTOCOM started in 2016 with companies RT-RK Osijek and Rimac Automobili. Furthermore, valuable insights were gained in the project entitled "Modernizing laboratories for innovative technologies (DRIVE)" whose implementation started in July 2017.

The project is jointly carried out by FERIT Osijek and the Faculty of Technical Sciences Novi Sad within the Interreg IPA Cross-border Cooperation Programme Croatia-Serbia 2014-2020. Within the project, four specialized laboratories, two in each of the Faculties, are equipped with the most advanced computing infrastructure for studying on how to develop and test software support for the automotive industry.

Upon defining the basic structure of the master's (graduate) study programme, companies were invited to participate in defining the study programme on the portal STUP in January 2017. Four companies, namely Yazaki, AVL AST, Xylon and GlobalLogic responded to the proposal, i.e. joined to Rimac Automobili and RT-RK Osijek, and engaged themselves in defining the final version of the study programme as well as provided their viewpoint in the Report of the study programme.

Of course, FERIT is open to cooperation with other automotive companies as well!

TESTIMONIALS

**RIMAC****Mate Rimac***Founder and CEO of Rimac Automobili*

Continuous collaboration with the Faculty of Electrical Engineering, Computer Science and Information Technology Osijek is a great opportunity to offer our expertise in the field of electrical engineering and computer engineering in directing and employing young talents. By participating in the design and implementation of the Automotive Computing and Communications programme we want to encourage young professionals to study these special areas of engineering. Rimac Development Office in Osijek has been established with the aim of encouraging talent retention Croatia, engaging them in the work on some of the most interesting projects in the industry. We believe that Osijek has great potential for further development as a technology hub.

Rimac Automobili are pioneers in electric drivetrain technology, and given the demanding projects for the partners in the industry as well as our own projects, we have the ever-growing need for recruiting engineers. In addition to our continued support in the education of young engineers through transfer of know-how and technology, we see FERIT as a long-term strategic partner with whom we want to set new standards for R&D in the automotive industry.

**FERIT****Dr. Drago Žagar, Full Professor with Tenure***Dean of FERIT*

AUTOCOM study programme is developed in cooperation with partner companies in order to provide students with knowledge and skills required to succeed on the global market. Furthermore, through AUTOCOM the Faculty plans to advance its visibility and competitiveness in science and research as well, and in doing so, students have a very important role.

However, we know that it is not always easy to leave your home country and start a study abroad. Thus, all our students, and especially the students from abroad, can count on full support of the Faculty if they have any questions or problems during the study. Of course, we hope that our cooperation will continue after the study as well, when you start and develop your career in automotive industry!

#testimonials



INTERNATIONALITY

With a key focus on raising our international visibility, FERIT's Auto-Com Master's (Graduate) Study Programme provide students with knowledge and skills required to succeed on the global market. In Osijek, there are several associations working with international students, as IAESTE, ESN Osijek and IEEE Student Branch Chapter Osijek.

The main goals of IEEE Student Branch include promotion of science, new technologies and professional work by organizing numerous interesting activities for students and teachers like congresses, workshops, lectures, IEEEmadC and IEEEExtreme competitions and travels and visits to foreign and domestic universities and companies. IEEE Power & Energy Society (PES) Student Branch Chapter Osijek (IEEE PES Student Branch Osijek) is a great opportunity for students to get experience outside lectures. Read more here.

IAESTE is an international association for the exchange of students in natural and technical sciences. The association is active in six continents and 90 countries worldwide. The association aims to train young people by providing them with paid professional practical experience abroad.

With a lot of hard work, ESN Osijek section was able to stand tall and slowly became what it is today – working on broadening horizons in our small community, promoting mobility and improving opportunities for our students in taking their first steps abroad. All the activities ESN Osijek organises on a daily basis are focused on the Erasmus students, on integrating them in everyday life in Osijek.

GUIDANCE

At AutoCom master's (graduate) study programme, our highly experienced teachers and administrative staff guides you:

- through the obligations during a semester;
- internship placements that are an integral part of the last AutoCom study programme semester;
- master's thesis preparation and realisation

and through any other situation you could have during your study at FERIT.



IN THE FIELD

Our extensive university-industry interface with the relevant business experts further underpin the learning process and enable students to implement newly acquired skills “in the field”.



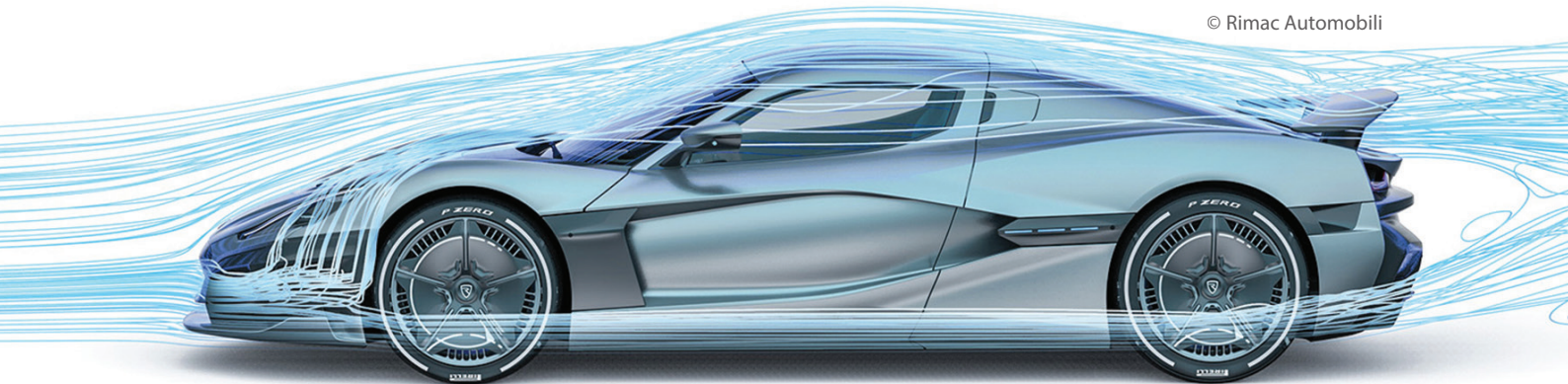
AUTOMOTIVE COMPUTING AND COMMUNICATIONS IN REAL LIFE

**What can you do after you obtain your master's degree
in automotive computing and communications?**

Where to pursue extraordinary careers?

Research have shown that efficient and practically oriented education is a prerequisite for success. However, other factors also have to be taken into consideration before a successful career can begin. After graduation, having excellent knowledge is not enough; you need to present yourself as indispensable to your future employer. In order to help you develop this skill and keep track with the industry, we are supported by leading local and global companies in the field.

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Master study programme
Automotive Computing
and Communications

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OPPORTUNITY

Graduate university study programme Automotive Computing and Communications provides students the opportunity to specialize in the field of designing, implementing and testing software and computer systems in the automotive industry.

COURSES

	Lectures (contact hours)	Exercises (contact hours)	ECTS
1st semester			
COMPUTER SYSTEM DESIGN	23	20	7
EMBEDDED LINUX	15	20	6
ADVANCED PROGRAMMING	15	20	5
AUTOMOTIVE SOFTWARE QUALITY ASSURANCE	15	20	6
DRIVE SYSTEMS AND VEHICLE POWER SUPPLY	23	10	6
2nd semester			
SOFTWARE ARCHITECTURE IN SAFETY-CRITICAL CONTROL SYSTEMS	15	20	7
OBJECT BASED PROGRAMMING	15	20	5
APPLIED POWER ELECTRONICS	23	10	5
AUTOMOTIVE COMPUTER NETWORKS AND PROTOCOLS	15	30	7
EMBEDDED COMPUTER SYSTEMS	15	20	6

Master study programme
Automotive Computing
and Communications

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COMPUTING AND COMMUNICATIONS

After acquiring basic knowledge in the field of advanced programming and embedded computing systems, this graduate study provides students specific knowledge related to communication networks and car protocols, design and testing of software support in security-critical management systems (eg, autonomous vehicle) and security of vehicle information systems.

COURSES

	Lectures (contact hours)	Exercises (contact hours)	ECTS
3rd semester			
DIGITAL IMAGE AND VIDEO PROCESSING FOR AUTONOMOUS VEHICLES	15	20	5
METHODS AND TECHNIQUES FOR AUTOMOTIVE SOFTWARE TESTING	15	20	5
SECURITY OF INFORMATION SYSTEMS	15	20	6
MACHINE LEARNING IN SYSTEMS OF AUTONOMOUS NETWORKED VEHICLES	15	20	5
PROJECT MANAGEMENT	15	10	4
INTELLIGENT TRANSPORTATION SYSTEMS	15	20	5
ELECTIVE COURSE	0	0	5
4th semester			
MASTER'S THESIS	0	0	16
INTERNSHIP	0	200	9

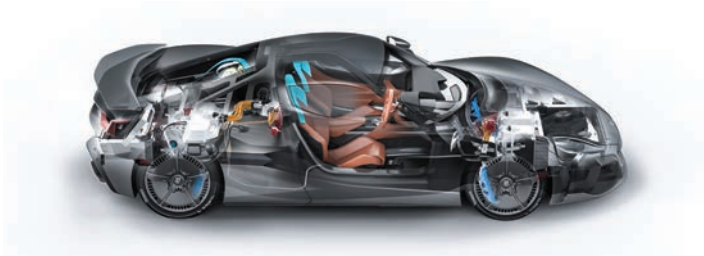
AUTONOMOUS AND NETWORKED VEHICLES

Additional specific knowledge is gained through the power supply and vehicle systems, application of power electronics in the vehicle, digital image and video processing and in the field of machine learning in systems of autonomous and networked vehicles.

PART-TIME STUDY MODEL

Automotive Computing and Communications is a part-time Master's (Graduate) Study Programme taught in English. The number of contact hours is less than usual since this is a part-time study programme offering students more free time for independent study under the guidance of FERIT's teachers and partner companies. The flexibility of this study model makes it an ideal solution for professionals looking to enhance their practical skills through a programme they can adapt to their work and personal life.

Our part-time study master's (graduate) study programme in Automotive Computing and Communications is highly practice-oriented and it gives you business knowledge you will need as a future engineer. Internships, industry guest lecturers and our Career Development Centre will enable you to successfully enter the labour market. Choose to study with a diverse group of international students in Osijek.



#programme 

PROGRAMME VISION

Upon completion of the master's (graduate) study programme in Automotive Computing and Communications, students will be able to:

- create a project plan using appropriate project planning and management tools and techniques;
- develop and test algorithms for effective message transmission in wireless ad-hoc vehicle networks;
- design automotive software support: from risk analysis to a functionally safe concept;
- develop one's own software solution to the given problem for the target architecture and correct the faults that occurred in its creation;
- design and test embedded computing systems with peripheral units;
- specify and explain the functioning of developed and applied automotive computer systems;
- explain and apply automotive software diagnostics methods;
- choose and apply appropriate deep learning methods and models to solving specific problems in intelligent transport systems;
- analyse modes of energy flow management in a vehicle by using electronic energy converters;
- create energy storage system models in a vehicle and perform a critical analysis of simulation results;
- apply advanced image and video processing algorithms in real time;
- analyse communication networks in a vehicle and define the characteristics of key protocols;
- identify engineering tasks, necessary knowledge and skills related to manufacturing technologies, measures, procedures, regulations and norms for ensuring work safety and employment protection.

#vision 

APPLICATION IN 3 STEPS

PREREQUISITES FOR APPLICATION

To enrol in our master's (graduate) study programme, there are several entry requirements students have to meet. In order to be eligible for enrolment, applicants who obtained their high school education abroad must get their high school diploma recognised in Croatia. For more information about this procedure, visit this link:

<http://www.unios.hr/kvaliteta/en/activities/academic-recognition-of-foreign-higher-education-qualifications/>

Generally, master's (graduate) study programme requires 3 years of higher education, in fields of electrical engineering and/or computer engineering, computer science, computing.

A ranking list will be made according to your CV, motivation letter and average rating of your prior qualification grades. The Faculty reserves the right to invite a candidate to interview, that will be carried out online.

The enrolment will also be possible for candidates who had obtained their degrees in technical or natural sciences (e.g. mechanical engineering*, mathematics, etc.). In such cases, the Faculty Committee for Teaching and Student Affairs will determine additional/differential courses which must be passed prior to enrolling in the second study programme year (for additional questions regarding this issue, please contact autocom@ferit.hr).

The costs of additional courses have to be paid by applicants in addition to the tuition fee (3000-7000 € per year, please see below).



The costs are determined according to the ECTS of the additional courses:

7000 euro x (number of ECTS of additional courses/60 ECTS), for example: If a student has 12 ECTS of additional courses, the calculation is as follows: $7000 \text{ euro} \times (12 \text{ ECTS}/60 \text{ ECTS}) = 1400 \text{ euro}$

*Due to a close relationship of the automotive industry and mechanical engineering, for candidates holding a bachelor degree in mechanical engineering, there is a fixed list of courses that are the basis for differential exams in those cases.



APPLICATION DOCUMENTS:

- Officially certified copy of the transcript of academic records and diploma
- Official curricula with course of study and short content of each subject (issued from higher institution or printed from official web site of institution) in original and translated (no certified translation required)
- Foreign education qualification recognition issued by Josip Juraj Strossmayer University of Osijek*
- Fully completed application form
- CV
- Motivation letter
- English language certificate – B2 level**

* mind the recognition procedure of foreign higher education qualification in the Republic of Croatia, which lasts approximately 1 month. For more information about this procedure, visit this link:

<http://www.unios.hr/kvaliteta/en/activities/academic-recognition-of-foreign-higher-education-qualifications/>

** TOEFL, IELTS, Cambridge CAE, CPE

1st STEP

Your application process starts by filling this online form:
<http://autocom.ferit.hr/application-form/>

2nd STEP

After you submit the form, **within the next two weeks** you will get feedback if you filled it in correctly or do you have to make some corrections.

3rd STEP

After the positive feedback, you should send

until June/01/2019
Deadline for Non-EU Students

until July/01/2019
Deadline for EU Students

original versions of APPLICATION DOCUMENTS uploaded in Step 1:

- fully completed application form;
- CV;
- motivation letter;
- English language certificate – B2 level

to the address:

FERIT Osijek, Kneza Trpimira 2b, 31000 Osijek, Croatia

And what about the rest of the documents?

Josip Juraj Strossmayer University of Osijek will send the documents:

- officially certified copy of the transcript of academic records and a diploma;
- official curriculum with a course of study and a short content description for all subjects (issued from a higher institution or printed from an official institution web site of institution) in an original language and translated into English (no certified translation required);
- foreign education qualification recognition issued by Josip Juraj Strossmayer University of Osijek;

directly to the Faculty after the recognition procedure has been finished (see above for details).

Thus, candidates do not have to send these documents to the Faculty as well.

And that's it, your application process is finished!

The results of application evaluation (ranking list of applicants) will be published at this web-page **until the mid of July** at the latest. If you are accepted, then you can enroll as described further.

ENROLMENT

IMPORTANT FACTS

The number of admitted students per year will be 30. Accepted candidates will have to pay 1000 € tuition fee until the end of July at the latest (the rest of tuition fee has to be paid upon enrollment in September) for administrative and admission expenses, and as a confirmation that they are going to enroll in the study programme (in case a candidate does not enroll in the study programme, this amount will not be returned to him/her regardless of the withdrawal reason). Pursuant to a candidate's payment, the Faculty will send the candidate a letter of acceptance and a contract.

Enrolment takes place in Osijek in September before a winter semester begins. Please plan ahead and make all the necessary arrangements in time (visa, accommodation, etc.). These are not legitimate reasons for postponing the beginning of study obligations. Admission is possible in the winter semester only.

ENROLMENT DATES:

from September 16 to September 20, 2019

THE WELCOME DAY:

**one week prior to the beginning of lectures
(lectures will begin in October)**

TUITION FEE FOR ONE YEAR (2 SEMESTERS)

7000 €

Regular tuition fee

5000 € *

* The Faculty will reward 50% of the best students according to the ranking list of all students (newly enrolled) or based on the grades achieved in the 1st year (continuing students). These students will be charged a reduced tuition fee amounting 5000 € per year.

3000 € **

** Furthermore, the Faculty will reward 20% of the best students according to the ranking list of all students (newly enrolled) or based on the grades achieved in the 1st year (continuing students). These students will be charged a reduced tuition fee amounting 3000 € per year.

If you repeat a year of study, the following formula is used to calculate the tuition fee:

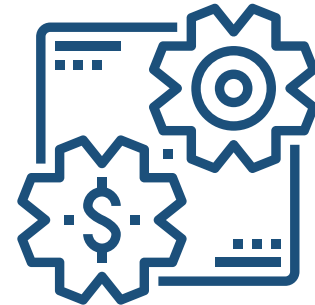
7000 euro x (number of ECTS in courses that the student did not pass/60 ECTS), for example: If you earned 36 ECTS in the 1st year, the calculation is as follows: $7000 \times ((60 \text{ ECTS} - 36 \text{ ECTS})/60 \text{ ECTS}) = 2800$ euro.

**If the calculated number of students is not an integer number, the number of students is determined by rounding the calculated number to the nearest integer. Thereby, if the calculated number is exactly half-way between two integers, the number of students is determined by rounding

up the calculated number. For example, in the case of 21 enrolled students, the best 50% of students would be:

$21 \times 50\% = 10.5 = 11$ best students
and the best 20% of students would be:
 $21 \times 20\% = 4.2 = 4$ best students

i.e. four best students would pay the 3000 Euro tuition, and next $11 - 4 = 7$ students would pay 5000 Euro tuition. Remaining $21 - 11 = 10$ students would pay 7000 Euro tuition.



REQUIREMENTS

NEWLY ENROLLED STUDENTS

- your OIB number (personal identification number) which is issued by the police department/station when registering your temporary residence in Croatia for the first time. OIB field is a mandatory field in the information system and the enrolment is not possible without it
- EU citizens – residence card (Croatian: “Boravišna iskaznica”) – as soon as you get it and before December 1, 2019
- Non-EU citizens – stay permit (Croatian: “Dozvola boravka”) – as soon as you get it and before December 1, 2019
- paid tuition fee – payment slip is obligatory!
- all documents needed for application

CONTINUING STUDENTS

- your matriculation book with all required signatures and grades
- EU citizens – residence card (Croatian: “Boravišna iskaznica”) – as soon as you get it and before December 1, 2019
- Non-EU citizens – stay permit (Croatian: “Dozvola boravka”) – as soon as you get it and before December 1, 2019
- paid tuition fee – payment slip is obligatory!
- fully completed application form



SCHOLARSHIPS

The partner companies will give you a possibility for AutoCom scholarship. If you are interested, please contact:



info.osijek@rt-rk.com



scholarships@rimac-automobili.com

GlobalLogic®

careers-hr@globallogic.com

Any additional questions about the scholarships? Please contact autocom@ferit.hr.

PASSION LED US HERE

VISA

After being accepted for studies in Croatia, the student must apply for a visa at the local Croatian embassy.

The whole procedure for obtaining a visa for study purposes can take up to 60–90 days, so it is recommended to apply for the visa well in advance.

The visa can be issued by the Croatian Embassy or Consulate before entering the country. More information can be found here

<http://www.mvep.hr/en/documents-and-forms/visa-application-forms/>

To get the student visa, you need to present the letter of acceptance from the University.

When arriving in Croatia, please ask the border custom officer to stamp the passport. In case you do not enter Croatia with a student visa (even if you do not need one for Croatia as a tourist), you cannot apply for a residence permit which entitles you to stay in Croatia for a longer period of time.



REPUBLIC OF CROATIA
Ministry of Foreign and European Affairs

STUDY IN IT-CENTRE OF CROATIA'S EAST



YOUR NEW FACULTY: FERIT

Josip Juraj Strossmayer University of Osijek

The University of Osijek is an educational institution that connects scientific research, artistic creation, teaching and studying thus developing science, profession and art, prepares students for professional work based on scientific knowledge and methods, as well as artistic value, educates young researchers, participates in realization of students' social interests and promotes international, particularly European cooperation in higher education, in scientific and artistic activities.

European knowledge community

The purpose of the University is to involve students in scientific research activities and to develop the scientific spirit in order to develop students' critical attitude and openness towards new knowledge and simultaneously develop their personality and team work ability, to accept of moral and ethical principles as a prerequisite, and to contribute to development of a democratic society and become involved in the European knowledge community.



Transfer of knowledge

In accordance with the above definition and mission of the University, it is evident that higher education is of utmost importance for the social community, because higher education contributes to regional and national development of the society.

University fulfils its role through the academic education at its faculties, university departments and the Academy of Arts, within university and professional studies whose primary activity is teaching and transfer of knowledge to new generations, in accordance with legal and statutory provisions.





FERIT

Three levels study programmes

The Faculty of Electrical Engineering, Computer Science and Information Technology Osijek is a modern faculty that has constantly been developing in all areas of its expertise. The educational process consists of three levels with study programmes being continually upgraded and harmonised with recent scientific discoveries, economy and labour market needs.

Cooperation with the economy

The Faculty's research groups have participated in numerous domestic and European projects as either heads or associates. Cooperation with the economy, encouragement of entrepreneurship and transfer of knowledge and technologies are fundamental indicators of the Faculty's development. The Faculty successfully cooperates with the most important electrical engineering and ICT companies. Furthermore, in collaboration with the economy, professional and development projects, studies and elaborations are carried out.

The Faculty is the regional leader

During their studies, our students are introduced to the world of work, and are involved in solving real engineering problems through traineeships, work on their final papers and graduation theses. The Faculty is the regional leader in the field of electrical engineering, computer science and information and communications technologies, and is strategically aimed at advancing its visibility and competitiveness in science and research, professional projects, students' education, close cooperation with the economy and local community.

STUDENT SERVICES

INTERNATIONAL STUDENT SERVICES

The International Office assists new international FERIT students during the enrolment procedure and is closely involved in advising and welcoming incoming international students. The office is the first on-campus contact for all non-Croatian students and it provides a wide range of services aimed at helping international students adjust to living in Osijek and studying at FERIT. It forwards important information about the start of the semester and key steps that need to be taken upon arrival in Croatia.



Student assistance

The International Office also coordinates directly with other relevant departments and organizations providing student assistance, such as the Student Office and the Accommodation Services. Staff at the International Office are keenly aware of the challenges surrounding international student mobility, potential visa-related hurdles and culture shock issues. Their aim is ensure that all international students feel welcome at FERIT from the very beginning.

All students have free of charge Wi-Fi access in both Faculty buildings.

BUDDY PROGRAMME

A FRIENDLY FACE ON ARRIVAL

Run by the International Office, this student volunteer programme celebrates FERIT's commitment to international students and aims to make the transition for newcomers as smooth as possible. When you are so far away from home, "buddies" facilitate integration into campus life by offering support and guidance on academic and non-academic issues and on how to best overcome organisational hurdles they face upon arrival. This is a great opportunity for personal, social and intercultural interaction that benefits both greeters and students. This has been a starting point for many friendships.



THE WELCOME DAY

The Welcome Day is organised at FERIT at the beginning of winter semester, one week prior to the beginning of lectures (in October), and it gives students the opportunity to interact with International Office staff, "buddies" and other international students new to FERIT. They can also find out everything they need to know about the essential steps and activities required with regard to immigration formalities, campus services and Croatian bureaucracy before starting their studies.

CAREER DEVELOPMENT CENTRE

In order to enhance the student support quality, the Career Development Centre (CEK) was established. The Centre's task is to take care of students during their studying and prepare them for the labour market. The Centre's activities are as follows:



CEK



STUP

- assisting in connecting a student and a company (potential employer);
- advisory activities – individual and group counselling;
- providing updated information;
- organising programmes for meeting with employers;
- updating databases on employers and students;
- providing students with specialisation opportunities;
- providing information on vacancy announcements, scholarship and job opportunities;
- guiding students to more efficiently present themselves to potential employers;
- carrying out entrepreneurial activities – partnership and assistance in the implementation of the best business ideas (provide a financial and professional support for start-ups);
- carrying out educational activities – workshops, lectures, public discussions;
- cooperating with the institutions in the Republic of Croatia (Croatian Employment Service – HZZ and Croatian Employers' Association – HUP) and other career development centres at higher education institutions;
- planning, organising;
- promoting the STEM field among students of primary and secondary schools as a form of student counselling.

The most important communication channel of the Career Development Centre is the Centre's web page (cek.ferit.hr, e-mail: cek@ferit.hr) and the portal STUP (stup.ferit.hr).

RESEARCH & DEVELOPMENT

Our faculty, most of whom are also business practitioners with extensive industry knowledge and experience, ensures that AUTOCOM students receive an unparalleled hands-on learning experience. Strong links to industry offer students unprecedented exposure to the right industry and excellent networking opportunities, providing a strong foundation for nearly any career path.

Furthermore, in order to gain experience in scientific research, students can join FERIT's **research groups for:**

- **Intelligent Vehicles**
- **Advanced Energy Technologies And Systems**
- **Advanced Industrial Systems**
- **Information And Communication Technologies**
- **Intelligent Systems And Robotics**
- **Advanced Teaching Methods In Technical Sciences**
- **High-performance Computing And Data Analysis**
- **Computer Engineering**
- **Biomedical Engineering**



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Pro-Student

The Faculty supports students in developing their ideas and entrepreneurial ambition through the Pro-Student call for proposals (<http://pro-student.ferit.hr/>), which has been implemented since 2015.

Namely, through Pro-Student, students can win support for their ideas, no matter if these are proposals with commercial potential (KOMPOT call for proposals), proposals with a research component (ZIPS call for proposals), or proposals for making a prototype, i.e. a device, that allow students to show their creativity or develop their skills (ZAPRO call for proposals).



#pro-student



IEEE



IEEE Osijek University Of Josip Juraj Strossmayer Student Branch

IEEE Osijek University Of Josip Juraj Strossmayer Student Branch was founded in April 2010 at Faculty of Electrical Engineering, Computer Science and Information Technology at Josip Juraj Strossmayer University of Osijek and currently has more than 60 members.

The main goals of our Student Branch include promotion of science, new technologies and professional work by organizing numerous interesting activities for students and teachers like congresses, workshops, lectures, IEEEEmadC and IEEEExtreme competitions and travels and visits to foreign and domestic universities and companies.

Members of our student branch chapter receive opportunities to meet with industry leaders, participate in various activities that help them to develop contacts and skills for future career opportunities.

Student Branch also consists of two society chapters that are established at FERIT: Computer Society Chapter and Power and Energy Society Chapter. Furthermore, the biggest global competition in mobile application development IEEEEmadC is also established at our Student Branch.

You can stay tuned by following us on @ieeeosijek





IEEE Power & Energy Society (PES) Student Branch Chapter Osijek

IEEE Power & Energy Society (PES) Student Branch Chapter Osijek (IEEE PES Student Branch Osijek) is a great opportunity for students to get experience outside lectures.

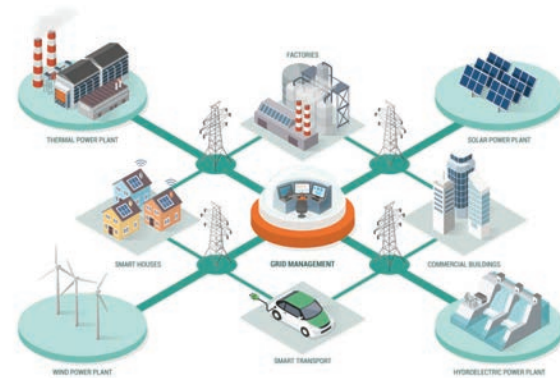
First of all, they will have the opportunity to meet colleagues from the same university that they would never meet in crowded lectures. They will make powerful bond with them which is important for professional work after university.

Secondly, they will have the chance to organize lectures from scientist and companies that are impactful in their country.

Also, all IEEE PES members have the opportunity to travel to various congresses and technical visits around Croatia, Europe and even worldwide. Often there are interesting projects in which are PES students involved.

All that activities are very impressive for students so after university they will have no problem explaining employer that they have plenty experience and that they are suitable for the job they are applying to.

Faculty will support IEEE membership for all AUTOCOM students.



ADVANCED ONLINE SYSTEMS AT FERIT

Loomen



MAK

The Faculty's web pages are linked to a Learning Management System (LMS) Loomen used to inform students on courses' relevant information during the entire academic year as well as upload teaching and practicing materials.

The Information system for mentoring activities MAK is a platform for procedures related to writing and evaluating Master's theses. Mak includes a part of the procedure from the moment the Committee authorises/appoints a topic/supervisor until the moment a student submits a paper, i.e. the President of the Defence Committee confirms the passing grade.



STUP

In order to simplify communication between students and companies as potential employers, on 1st May 2016, the Faculty officially launched Stup - a portal intended for FERIT's students and employers.

ISVU •



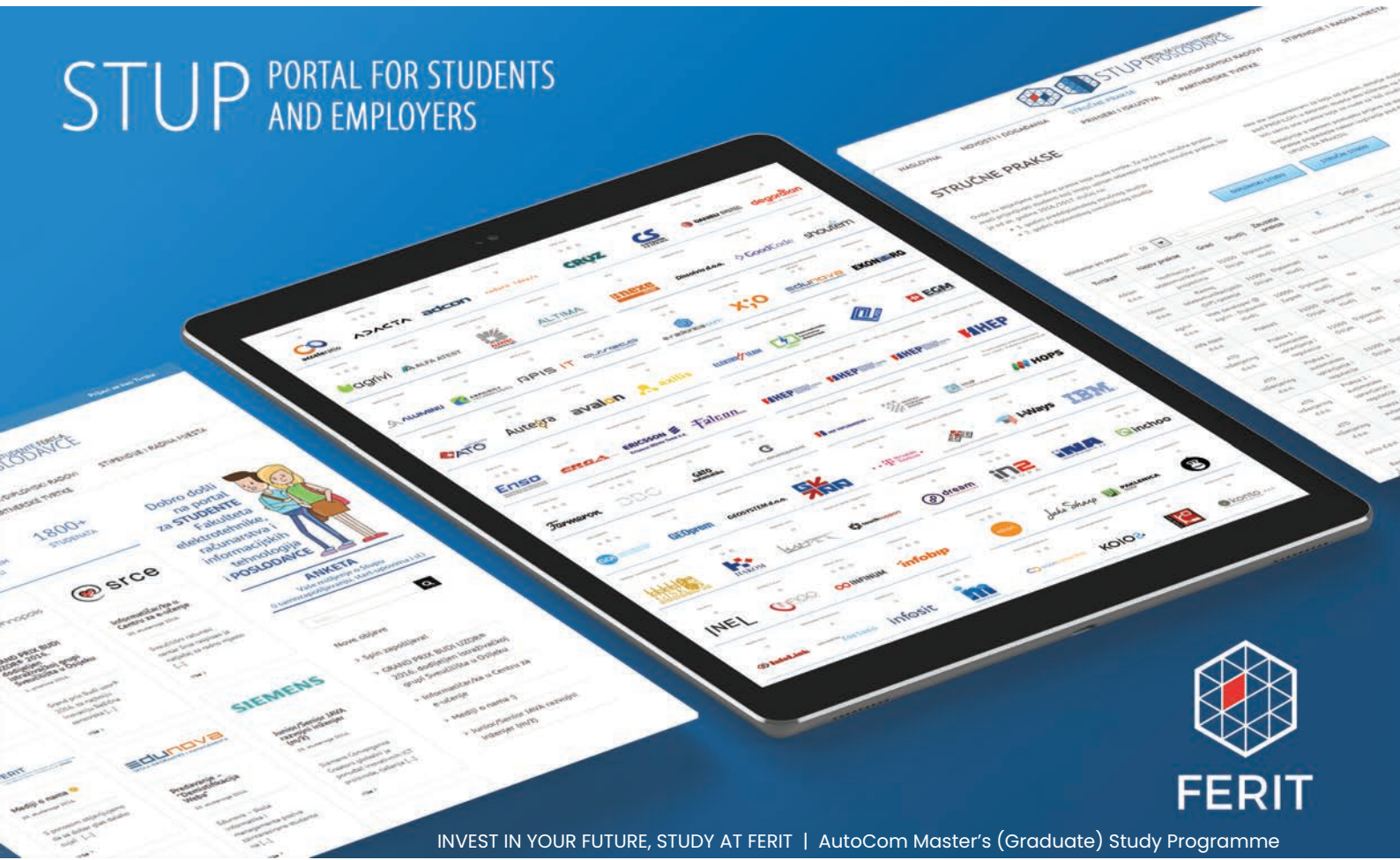
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Information system of higher education institutions

ISVU enables to students online applying for exams, as well as insight into all relevant information about their status at the Faculty.

Digital schedule of classes and exams is available on the Faculty's web page and includes, among other data, information on groups of student formed for different types of classes such as laboratory exercises, etc.

STUP PORTAL FOR STUDENTS AND EMPLOYERS



FERIT

STUDY IN IT-CENTRE OF CROATIA'S EAST



VENUE

THE REPUBLIC OF CROATIA

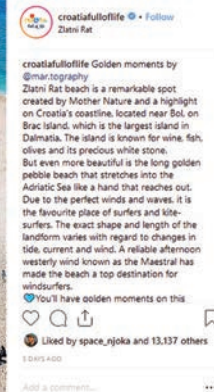
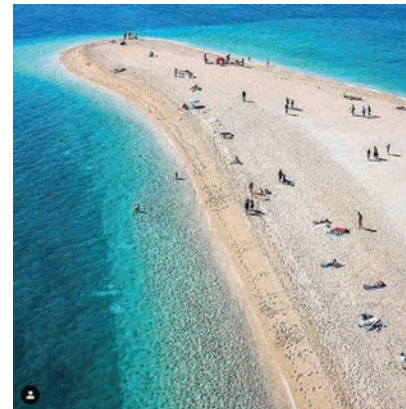
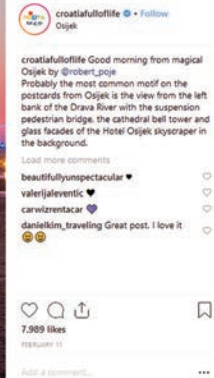
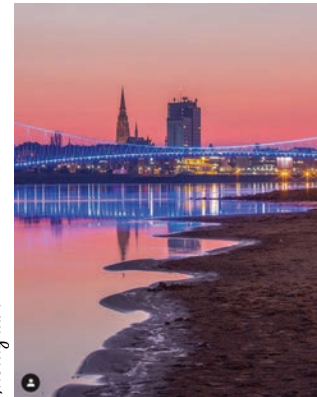
The Republic of Croatia is geographically located between Central and Eastern Europe. It covers the geographical area that extends from the spacious Pannonian Plain across a narrow area of the Dinaric Alps to the Adriatic coast – one of the most indented coastlines in the world. The interior of the country has a moderate continental climate, whereas a pleasant Mediterranean climate prevails along the Adriatic coast.



#CroatiaFullOfLife.hr



Instagram

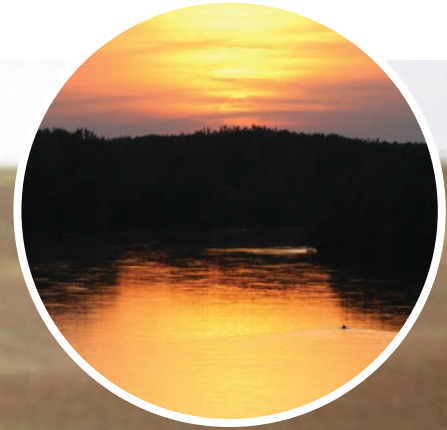


SLAVONIA AND BARANJA

Slavonia and Baranja is a historical region in eastern Croatia. It is surrounded by three rivers; the Sava River (the border with Bosnia and Herzegovina), the Drava River (the border with Hungary) and the Danube (the border with Serbia), forming an area of exceptional beauty with forests, meadows and hills.

In Slavonia, there are numerous castles and villas that once belonged to rich families, but now they add a special charm to this part of Croatia. Baranja stretches between the Drava River in the north and the Danube in the east.

At the point where the Danube and the Drava River meet, nature has created a remarkable phenomenon – Kopački Rit Nature Park, which is rich in flora and fauna. In 1967, Kopački Rit and its immediate area were declared a nature park and a zoological reserve, respectively.



OSIJEK – THE PERFECT PLACE TO STUDY

Osijek is the fourth largest city in the Republic of Croatia with about 110,000 inhabitants. It consists of the Fortress - a baroque city-fortress built in the 18th century - the Upper, Lower and New Town, Retfala and the Industrial District. Osijek is the most verdant city in the Republic of Croatia.

The 18th century baroque city-fortress of Osijek was built by transforming the then historic city located at the strategic crossing over the Drava River. The first new city-fortress was built within a large strategic system of fortified baroque towns on the border with the Ottoman Empire, which was founded by Prince Eugene of Savoy who began to build it in 1712.

The fortress had four gates: The New Gate (south), the Water Gate (north), the Imperial Gate (east) and Valpovo Gate (west). Out of these four gates to the fortress, only one is still present today – the Water Gate, where there is a memorial plaque dedicated to the builder of Osijek fortress, general Stephan von Beckers. It is believed that his body was walled up in the outer wall or rampart.

The largest city in Slavonia, Osijek, which is located on the Drava River, is an interesting tourist destination with numerous parks, cultural monuments and entertainment possibilities. Osijek is a student town in a full sense of the word. It is a city where you can find happy and kind people who enjoy the benefits Osijek provides everywhere. Geographically, Osijek lies at the epicentre of Slavonia and Baranja and is bordered by three countries - Hungary, Serbia and Bosnia.

Every day you can have a lot of fun in Osijek. Just by walking down promenade, you can spend hours and hours enjoying yourself while looking at our beautiful river Drava. The city is pulsing with positive energy and every person who has spent a day in this town has fallen in love with it. The climate here is mild, and generally warm and temperate, but you can expect hot summers and rather cold winters.

STUDENT LIFE IN OSIJEK

RECHARGE YOUR BATTERIES

Osijek offers lots of places where you can relax and recharge your batteries after a long day's work. At the Faculty of Electrical Engineering, Computer Science and Information Technology, we also aim to provide all-round support during your time with us – whatever the problem, our Student Administration Office, IT Service or the International Office are there for you.

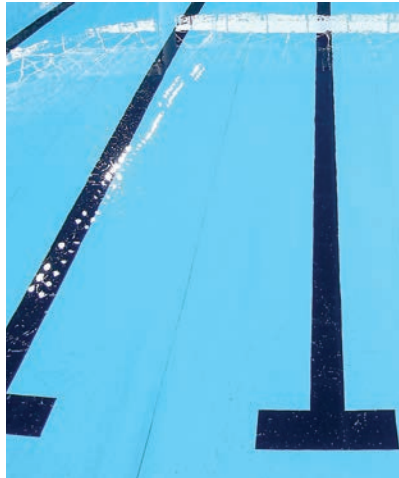
There is a friendly and open atmosphere and a strong sense of community which makes it easy to make and meet up with friends. There are several places where you can do sports, go for a swim or just enjoy long walks.



SWIMMING

There are two places to go to if you want to have a swim. One of them is “Gradski vrt”, swimming pools located in the southern part of Osijek, with outdoor and indoor swimming pools.

The second one is on the north side of the Drava River, with only outdoor swimming pools.



DRAVA RIVER

Most of the locals swim in the Drava River or just enjoy lying down on a sandy beach or playing “picigin”, a traditional ball game that originates from Split, Croatia, that is played in shallow water (on the beach) where players try to keep a small ball from touching the water.

“SREDNJIKA”

It is a place for almost any kind of physical activity. There are running tracks, football fields, basketball and volleyball courts as well as outdoor fitness equipment. It is free of charge.



TENNIS COURTS

If you like playing tennis, there are several tennis courts all over the city, and one of them is located in one of the most beautiful park in Osijek, Perivoj Kralja Tomislava.

PROMENADE

A pathway along the Drava River, perfect for a walk at any time, there are always lots of people in that area.



OTHER ACTIVITIES

Escape room Osijek, bowling, cinema, theater, go-kart, Museum Night, Osijek Summer of Culture, Beer Days, Paintball, BBQ, Pannonian Challenge and many others...

4th step RANKING LIST

The results of application evaluation (ranking list of applicants) will be published at autocom.ferit.hr. If you are accepted, then you can enroll.

Until mid of July

3rd step SEND ORIGINALS

After the positive feedback, you should send original versions of application documents to the address: FERIT Osijek, Kneza Trpimira 2b, 31000 Osijek, Croatia

Non- EU students: until June/01/2019

EU students: until July/01/2019

5th step ACCEPTANCE

Accepted candidates will have to pay 1000 € tuition fee

(the rest of tuition fee has to be paid upon enrollment in September)

as a confirmation that they are going to enroll in the study programme.

Until the end of July

Mind the recognition procedure of foreign higher education qualification in the Republic of Croatia, which lasts approximately 1 month.

(Graduate) Study Programme

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6th step ENROLMENT

Enrolment takes place in Osijek in September before winter semester begins and the rest of tuition fee has to be paid upon enrolment **in September**.

Master study programme Automotive Computing and Communications



THE WELCOME DAY

one week prior to the beginning of lectures (lectures will begin **in October**)

2nd step VERIFICATION

After you submit the form, within the next two weeks you will get feedback if you filled it in correctly or do you have to make some corrections

Do you need a visa? The whole procedure for obtaining a visa for study purposes can take up to 60–90 days, so it is recommended to apply for the visa well in advance.
For details see: <http://autocom.ferit.hr/programme/#visa>

1st step APPLICATION

Your application process starts by filling this online form:
<http://autocom.ferit.hr/application-form/>



FERIT

FACULTY OF ELECTRICAL ENGINEERING, COMPUTER
SCIENCE AND INFORMATION TECHNOLOGY **OSIJEK**

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