

IcETTRAN / ETRAN

Computing Section (RTI) / Sekcija Računarstvo (RT)

Date: Monday, September 28th, 2020

Note: All sessions will be organized online, over *Zoom* platform. One “logical” section will cover two or three 30 minutes “physical” subsessions. Presentations will be limited on 10 minutes talks and 5 minutes for discussion. During the oral presentation, speaker will be allowed to share his/her display.

IcETTRAN – RT

- Session: *Computer Engineering, Computer Networks and Education* – CECN and EDU (Računarska tehnika, računarske mreže i obrazovanje)
- Chair: prof. dr Ivan Milentijević, Univerzitet u Nišu – Elektronski fakultet

- Subsession #1
- Link: <https://zoom.us/j/98393341934?pwd=QVI4N1ppQ1QyWnFJVzRndGxaNFF3Zz09>

#	No	Time	Authors, Title
1	2	9:30	<i>Borislav Đorđević, Valentina Timcenko and Stefan Kovačević.</i> ESXI, Microsoft Hyper-V, XenServer: FileSystem Performance Comparison for Type-1 Hypervisors
2	28	9:45	<i>Igor Medenica, Nikola Radulović, Vladimir Milovanović, Jelena Vasiljević and Miloš Jovanović.</i> Example of Google Cloud Speech API usage and interpretation of recognized content on the E-ink display

- Subsession #2
- Link: <https://zoom.us/j/97211430739?pwd=Y0N4T1gzVzU4UGZlQ0Z5UGJXZUs5Zz09>

#	No	Time	Authors, Title
3	114	10:00	<i>Petar Bojovic, Ilija Basicovic, Milos Pilipovic, Zivko Bojovic and Milena Bojovic.</i> The rising threat of hardware attacks: USB keyboard attack case study
4	121	10:15	<i>Jana Knezevic, Jovana Panovic, Nikola Savanovic and Miodrag Zivkovic.</i> SEO in Serbian websites

IcETRAN – RT

- Session: *Software Engineering and Software Applications* – SESA (Softversko inženjerstvo i aplikativni softver)
- Chair: doc. dr Dražen Drašković, Univerzitet u Beogradu – Elektrotehnički fakultet
- Subsession #1
- Link: <https://zoom.us/j/99905674680?pwd=UTR2ekU2dzJlL21SYjJOTmszaDJhdz09>

#	No	Time	Authors, Title
1	36	11:00	<i>Ivan Blažić, Marko Mišić and Zaharije Radivojević</i> . Source Code Quality Evaluation Using Network Science
2	53	11:15	<i>Vladislav Tokovic, Luka Gajic, Dusan Cvetnic, Miodrag Vidacic, Nikola Savanovic and Miodrag Zivkovic</i> . Android Application For Promoting The Cultural Institutions Through Wi-Fi Access

- Subsession #2
- Link: <https://zoom.us/j/96611021918?pwd=SjNIL1hKT080dnFMWU5Qak9lOFRjdz09>

#	No	Time	Authors, Title
3	69	11:30	<i>Teodora Đorđević and Suzana Stojković</i> . Different Approaches in Serbian Language Parsing using Context-free Grammars
4	72	11:45	<i>Vladislav Tokovic, Luka Gajic, Dusan Cvetnic, Miodrag Vidacic, Nikola Savanovic and Miodrag Zivkovic</i> . Meme App Generator

- Subsession #3
- Link: <https://zoom.us/j/92792705941?pwd=N3ZYb2VJaEZsTmZmVVdheWRQbGwwUT09>

#	No	Time	Authors, Title
5	74	12:00	<i>Igor Vurdelja, Ivan Blazic, Drazen Draskovic and Bosko Nikolic</i> . Detection of Linux Malware Using System Tracers - An Overview of Solutions

IcETTRAN – RT

- Session: *Computer Systems and Applications – CSA*
(Računarski sistemi i primena)
- Chair: prof. dr Vladimir Ćirić, Univerzitet u Nišu – Elektronski fakultet

- Subsession #1
- Link: <https://zoom.us/j/97080774776?pwd=ek5BcVhQMXluSEpOWm1zNFNTdjh3Zz09>

#	No	Time	Authors, Title
1	30	12:30	<i>Nenad Petrović and Đorđe Kocić. IoT-based System for COVID-19 Indoor Safety Monitoring</i>
2	111	12:45	<i>Nenad Petrović, Maša Radenković and Valentina Nejković. Data-Driven Mobile Applications Based on AppSheet as Support in COVID-19 Crisis</i>

- Subsession #2
- Link: <https://zoom.us/j/91653347963?pwd=c2pBMzh5OXkxUXpPSFQzVTVTQndmdz09>

#	No	Time	Authors, Title
3	135	13:00	<i>Balša Lazarević and Tomo Popović. Meteorological Data Aggregation System for Application in Agriculture 2.0</i>
4	144	13:15	<i>Maksim Egelja, Marko Dragojević, Nikola Teslić and Nemanja Lukić. One solution of safety core in autonomous driving systems</i>

- Subsession #3
- Link: <https://zoom.us/j/99141210115?pwd=NTE1THZxL1VPZGRib1VWNTJhODVQUT09>

#	No	Time	Authors, Title
5	146	13:30	<i>Maksim Egelja, Stevan Stević, Nikola Teslić and Nemanja Lukić. One solution of keep lane function and curvature calculation with SD map data using ROS</i>

IcETRAN – RT

- Session: *Computer Graphics and Computer Vision – CGCV*
(Računarska grafika i računarski vid)
- Chair: prof. dr Dejan Rančić, Univerzitet u Nišu – Elektronski fakultet

- Subsession #1
- Link: <https://zoom.us/j/94372724628?pwd=RzZ2VW5HU1BaOTIzT0xMUFPoU2Y4Zz09>

#	No	Time	Authors, Title
1	49	15:00	<i>Vladislav Tokovic, Miodrag Zivkovic and Nikola Savanovic.</i> Modern JavaScript 3D Visualization Frameworks: A Survey Study
2	71	15:15	<i>Jovan Vjestica, Teodora Djordjevic and Suzana Stojkovic.</i> SerbOCR - Optical Character Recognizer of the Serbian Cyrillic Alphabet based on Convolutional Neural Networks

- Subsession #2
- Link: <https://zoom.us/j/97453115309?pwd=c2E2bndRTTdpaFptUVNOaG16RGxKUT09>

#	No	Time	Authors, Title
3	137	15:30	<i>Vladan Borović, Dejan Rančić, Olivera Pronić-Rančić and Igor Dumančić.</i> Resolution dependent spatial detection of moving objects
4	140	15:45	<i>Dzenan Avdic, Dejan Rancic, Aldina Avdic and Petar Spalevic.</i> OpenGL Specular Reflections Caused By Light Source Placed Below Shadowed Object

- Subsession #3
- Link: <https://zoom.us/j/91893079634?pwd=SHNueINDUm83cHNZcmw2RVJaOEEd6dz09>

#	No	Time	Authors, Title
5	163	16:00	<i>Miloš Ilić, Petar Spalević, Dragana Stojnev, Nebojša Stojanović and Aleksandra Stojnev Ilić.</i> Singular Value Decomposition (SVD) as an Approach in Processing of Agricultural Images

ETLAN – RT

- Sesija: Računarstvo (*Computing* – C)
- Predsedavajući: prof. dr Igor Tartalja, Univerzitet u Beogradu – Elektrotehnički fakultet
- Podsesija #1
- Pristup: <https://zoom.us/j/99762431796?pwd=UERoTzY1T3d6SkVYQUdWU1hWYkKWUT09>

#	No	Time	Autori, Naslov
1	67	16:30	<i>Vojislav Bogosavljević and Igor Tartalja</i> . Inkrementalni razvoj 3D video igre Arena kroz praktičan rad studenata
2	82	16:45	<i>Lazar Švonja, Mladen Ilić and Ilija Bašičević</i> . Jedna realizacija signalizacije niskog i servisnog nivoa u programskoj podršci ATSC 3.0 srednjeg sloja

- Podsesija #2
- Pristup: <https://zoom.us/j/98828232567?pwd=dFRJMDV1eXB0dkRRR1l6ODNlcW4ydz09>

#	No	Time	Autori, Naslov
3	89	17:00	<i>Perica Strbac, Vukman Korać and Miloš Pejanović</i> . Application of two-level algorithm for edge detection modeled in Upgraded Petri-nets
4	94	17:15	<i>Radenko Banović and Ilija Bašičević</i> . Jedno rješenje proširenja PVR modula podrškom za više skladišnih uređaja

- Podsesija #3
- Pristup: <https://zoom.us/j/99796176762?pwd=ZVg4YXc2azkzVjZMVG94VDVQdWtuZz09>

#	No	Time	Autori, Naslov
5	95	17:30	<i>Radenko Banović and Ilija Bašičević</i> . Jedno rješenje poslužioca televizijskog sadržaja sa podrškom za IPv4 i IPv6 protokole