

Venue

The EC 2019 Conference will be held at the Faculty of Electronic Engineering, University of Niš. The address of the conference venue is:

Faculty of Electronic Engineering
Aleksandra Medvedeva 14
18000 Niš, Serbia

**Conference Chairman**

Nenad Cvetković, University of Niš, Serbia

Local Organizing Committee

Saša Ilić, University of Niš, Serbia
Mirjana Perić, University of Niš, Serbia
Dragana Živaljević, University of Niš, Serbia
Ana Vučković, University of Niš, Serbia
Bojana Nikolić, University of Niš, Serbia
Dejan Jovanović, University of Niš, Serbia
Dragana Jovanović, University of Niš, Serbia
Dušan Vučković, University of Niš, Serbia

Contact Details

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IEEE Serbia and Montenegro Section

Location

The city of Niš is situated in the Nišava valley, at the crossroads of most important Balkan and European traffic routes. With more than 250,000 inhabitants, it is the largest city of South Serbia and the third-largest city in the country. It is an educational and industrial centre with a variety of travel sites to offer visitors within the city and in its surroundings. For more information about the city of Niš, its past and present visit the official web presentation at: <http://www.ni.rs>

Getting to Niš**By plane**

The airport of Niš - "Constantine the Great" (Int. code: INI) is located in the industrial part of the town close to the central city zone. For available connections, please visit the site www.airportnis.co.rs. If you find this mode of transport suitable, after landing you can reach your final destination either by a circular bus line (stops at the airport every 10 minutes and makes a route around the whole city) or by available taxi services. Unfortunately, a number of available airlines is rather limited, so if you decide to come to Serbia by plane you may find a large offer of connections to the Belgrade airport (see <http://www.beg.aero/lat/>).

By bus

Central bus station of Niš is located in the wide city centre, just minutes away from the main town symbol – the fortress of Niš and also the Faculty of Electronic Engineering. Numerous taxi services are at your disposal just in front of the station. For available connections please visit <http://www.bas.rs>. You will find that almost all major cities in the region and even in the west and east of Europe are accessible by bus from Niš.

By train

Niš is also easily reached by train. Besides connections to all major cities in the region, international connections to Greece, Austria, Turkey, Hungary, etc., are also available. Main train station of Niš is rather close to the city centre, connected to it by regular bus lines having stops just outside the station itself. If you find buses overcrowded, a wide taxi network is also at your service. For available connections look up <http://www.zeleznicesrbije.com>.

By car

Being positioned at the crossroad of E-75 (Budapest, Belgrade, Niš, Thessaloniki) and E-80 (Adriatic sea, Niš, Sofia, Istanbul) motorways, Niš is most easily reachable by car.



14th International Conference on Applied Electromagnetics

August 26 - 28, 2019
Niš, Serbia



Organized by:

Faculty of Electronic Engineering,
University of Niš, Serbia

Faculty of Electrical Engineering and
Information Technology, Ilmenau
University of Technology, Germany

Faculty of Technical Sciences Čačak,
University of Kragujevac, Serbia

Faculty of Occupational Safety,
University of Niš, Serbia

Steering Committee

Zlata Cvetković, University of Niš, Serbia
Hannes Topfer, Ilmenau University of Technology, Germany,
Alenka Milovanović, University of Kragujevac, Serbia
Dejan Krstić, University of Niš, Serbia,

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Marinko Barukčić, University of Osijek, Croatia,
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Marko Jesenik, University of Maribor, Slovenia,
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Vera Marković, University of Niš, Serbia,
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Miodrag Milutinov, University of Novi Sad, Serbia,
Damjan Miljavec, University of Ljubljana, Slovenia,
Bojana Nikolić, University of Niš, Serbia
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Bojana Petković, Ilmenau University of Technology, Germany,
Milan Plazinić, University of Kragujevac, Serbia
Milka Potrebić, University of Belgrade, Serbia,
Farhad Rachidi, Swiss Federal Inst. of Technology (EPFL), Switzerland,
Vladimir Rakov, University of Florida, USA,
Milica Rančić, Mälardalen University, Västerås, Sweden,
Maurizio Repetto, Politecnico di Torino, Italia,
Sergei Silvestrov, Mälardalen University, Västerås, Sweden,
Aida Spahiu, Polytechnic University of Tirana, Albania,
Vladimir Stanković, University of Niš, Serbia,
Vidosav Stojanović, University of Niš, Serbia,
Bojan Štumberger, University of Maribor, Slovenia,
Vasilija Šarac, University Goce Delcev, Stip, Macedonia,
Dejan Tošić, University of Belgrade, Serbia,
Stanimir Valtchev, New University of Lisbon, Portugal
Ana Vučković, University of Niš, Serbia
Slavko Vujević, University of Split, Croatia,
Ivan Yatchev, Technical University Sofia, Bulgaria
Darko Zigar, University of Niš, Serbia
Dragana Živaljević, University of Niš, Serbia
Jeroslav Živanić, University of Kragujevac, Serbia

Conference History

Prof. Dr. Dragutin M. Velickovic (1942-2004) initiated the series of conferences on applied electromagnetics, and the first one in 1984. under the name First Serbian Symposium on Applied Electrostatics EC at the Faculty of Electronic Engineering in Niš. The next three assemblies were held in 1986, 1990. and 1996, respectively. In 2001, Symposium changed its name into the International Conference on Applied Electromagnetics. The seventh EC 2005 was dedicated to the founder and the chairman of the Conference, Professor Dr. Dragutin M. Velickovic. The first ten well-organized conferences with a great number of participants from abroad and from Serbia have allowed the organizers to make new steps in improving the conference quality.

The 14th EC 2019 Conference is intended to be a highly competent, scientific and professional meeting aimed at the efficient exchange of results in the area of applied electromagnetics, presentation of current scientific results, development trends, etc. The aim of the 14th EC 2019 Conference is to discuss recent developments in applied electromagnetics and their applications to the design and operation of electromagnetic devices. It is intended to establish a platform where experts in engineering, involved in research or industrial areas, can discuss on the theoretical aspects of electromagnetic problems as well as on applications of innovations in these fields.

Scientific Topics

1. Computation of electromagnetic fields
2. Inverse electromagnetic field problems
3. Optimization techniques
4. Electromagnetic field measurement techniques
5. Electromagnetic CAD
6. EMC problems
7. Coupled field problems: electromagnetic, thermal, mechanical fields
8. Non-linear electromagnetic systems
9. Bioeffects of electromagnetic fields
10. EM circuits&systems
11. Other

Submission of Contributions

Original, previously unpublished contributions are expected. The authors are encouraged to submit a one-page digest by May 13, 2019. Manuscripts should be prepared according to the instructions, and submitted using the online Paper Submission application.

Digests should be informative and concentrated on results. A digest template is available on the website: <http://pes.elfak.rs>. The conference will feature oral and poster presentations. The official conference language is English.

All submitted digests will be reviewed in order to determine their suitability for publication. Notification of acceptance of the contributions will be given by June 5, 2019. All accepted digests will be printed in the Proceedings of extended abstracts before the conference.

Full paper submission: Authors of accepted contributions will be invited to submit a full paper. A camera-ready manuscript of full paper in both the DOC and PDF format will be required by June 25, 2019. Detailed instructions for preparing a full paper version will be sent to all authors of accepted papers and will also be available on the conference website.

Publication of full papers

All presented full papers will be published on a CD Proceedings of full papers after the conference.

Publication of selected papers

All presented full papers will be, depending on the content, considered for publication in journals:

- E+E journal (Elektrotehnika & Elektronika published by the Union of Electronics, Electrical Engineering and Telecommunications /CEEC/Bulgaria),
- Facta Universitatis, Series: Electronics and Energetics (published by Faculty of Electronic Engineering, University of Nis),
- Serbian Journal of Electrical Engineering (published by Faculty of Technical Sciences Cacak),
- JET - Journal of Energy Technology (Faculty of Energy Technology, University of Maribor, Slovenia)
- Safety engineering (published by Faculty of Occupational Safety, University of Nis)
- Transactions on Mathematics & Physics (Scientific Bulletin of the Politehnica University Timisoara, Romania)

Important dates

Submission of one-page digest: **May 13, 2019**

Notification of acceptance: **June 5, 2019**

Submission of full papers: **June 25, 2019**

Early registration and payment: **July 30, 2019**