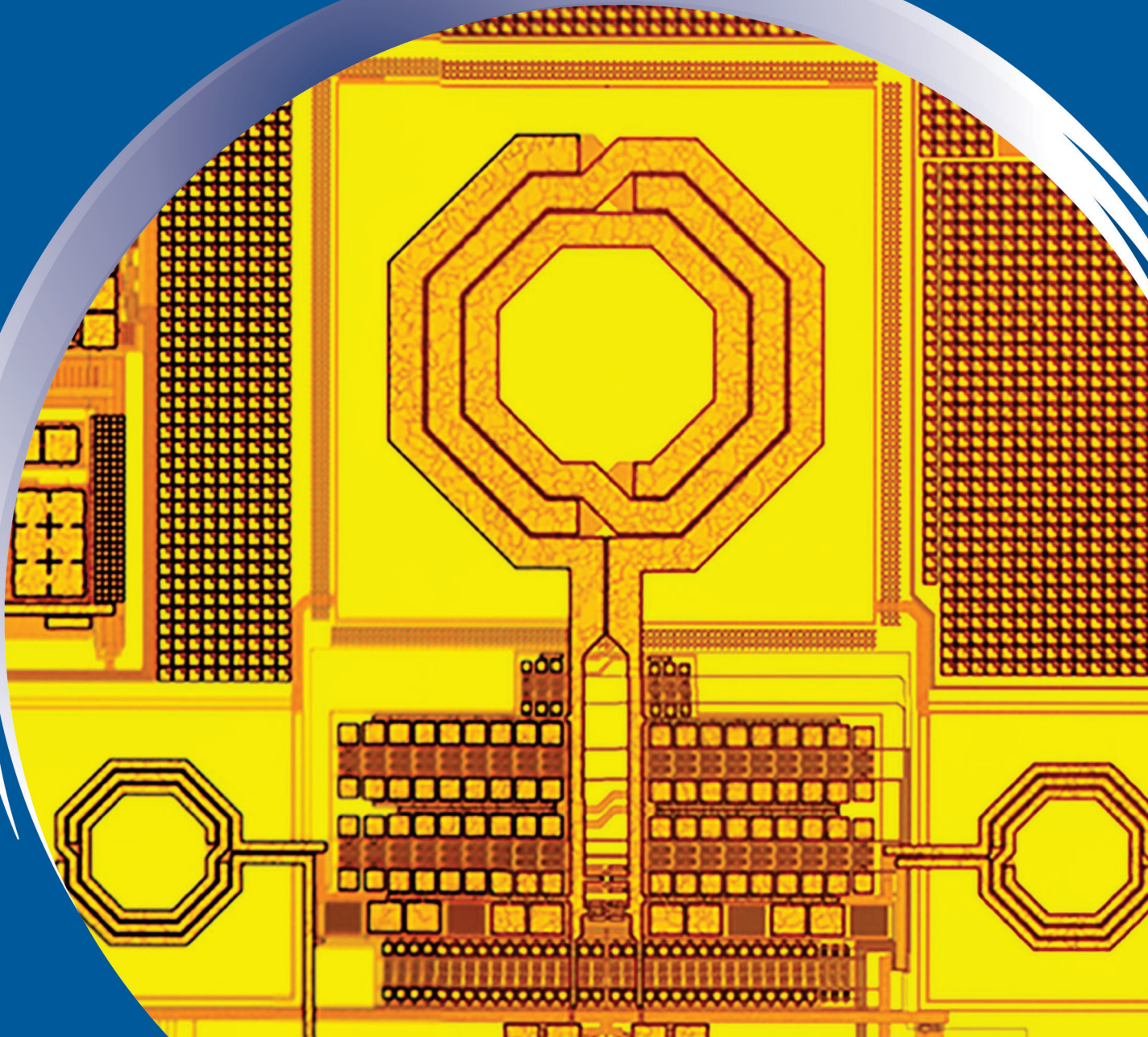


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Letna naročnina je 160 EUR, cena posamezne številke pa 40 EUR. Člani in sponzorji MIDE M prejema posamezne številke brezplačno. Znanstveni svet za tehnične vede je podal pozitivno mnenje o reviji kot znanstveno-strokovni reviji za mikroelektroniko, elektronske sestavne dele in materiale. Izdajo revije sofinancirajo ARRS in sponzorji društva. Znanstveno-strokovne prispevke objavljene v Informacijah MIDE M zajemamo v podatkovne baze COBISS in INSPEC. Prispevke iz revije zajema ISI® v naslednje svoje produkte: Sci Search®, Research Alert® in Materials Science Citation Index™.

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 napravah in materialih z delavnico o senzorjih in
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Front page:
 Voltage controlled oscillator (Wang et al.)

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Editorial | Uvodnik

Dear reader,

This issue brings a review scientific paper in an exciting field of microelectronics that already proves but much more promises to contribute to further progress. It covers fascinating progress of spintronics that was presented as a plenary talk at the MIDEM conference that we organize in late September every year. The 53rd MIDEM Conference under the Chairmanship of Asst. Prof. Slavko Bernik and Prof. Barbara Malič was a big success with the highlight on Materials for Energy Conversion and their Applications: Electrocalorics and Thermoelectrics as the Workshop.

Year 2017 almost ran out and this editorial brings up some statistics about manuscripts submitted. In 2017 we have received more than 180 manuscripts, out of which only 23 have been accepted for publication and more than 140 manuscript were rejected. Despite clearly defined title of our journal and on-line instructions for authors we continue to receive each year a dozen of manuscripts that are out of our journal's scope. In 2017 we published 1 review scientific paper and 25 original scientific papers. The success rate below 15% in 2017 reflects determination for quality that will path long-term quality growth. Increase in citation metrics (JCR IF-2016=0.478, SNIP-2016=0.482 and CiteScore-2016=0,60) is certainly a proof for that. I sincerely thank all reviewers and Editorial Board Members for their valuable contribution to the journal quality growth. Three associate editors, Prof. Vanja Ambrožič, Asst. Prof. Danjela Kuščer Hrovatin and Prof. Matjaž Vidmar received the Society MIDEM Editor Award for their valuable editorial contribution over the last 5 years.

Let the festive days bring joy and peace in each home, office or research laboratory. It is the time to look ahead and make plans for the coming year. This brings me to editorial wishes for 2018. As a part of your success we look forward to receiving your future manuscript(s) on our submission page (<http://ojs.midem-drustvo.si/>).

Merry Christmas and a Happy, Healthy and Prosperous New Year!

Prof. Marko Topič
Editor-in-Chief

P.S

We look forward to receiving your next manuscript(s) in our on-line submission platform:
<http://ojs.midem-drustvo.si/index.php/InfMIDEM>

MIDEM 2018

54th INTERNATIONAL CONFERENCE ON MICROELECTRONICS, DEVICES AND MATERIALS WITH THE WORKSHOP ON SENSORS AND SENSOR TECHNOLOGIES



Announcement and Call for Papers

October 3rd – 5th, 2018

Jožef Stefan Institute, Ljubljana, Slovenia

ORGANIZER: MIDEM Society - Society for Microelectronics, Electronic Components and Materials, Ljubljana, Slovenia

CONFERENCE SPONSORS: Slovenian Research Agency, Republic of Slovenia; IMAPS, Slovenia Chapter; IEEE, Slovenia Section

GENERAL INFORMATION

The 54th International Conference on Microelectronics, Electronic Components and Devices with the Workshop on Sensors and Sensor Technologies continues a successful tradition of the annual international conferences organised by the MIDEM Society, the Society for Microelectronics, Electronic Components and Materials. The conference will be held at **Jožef Stefan Institute, Ljubljana, Slovenia, leading Slovenian scientific research institute**, from **OCTOBER 3rd – 5th, 2018**.

Topics of interest include but are not limited to:

- Workshop focus: Sensors and sensor technologies
- Novel monolithic and hybrid circuit processing techniques,
- New device and circuit design,
- Process and device modelling,
- Semiconductor physics,
- Sensors and actuators,
- Electromechanical devices,
- Microsystems and nanosystems,

- Nanoelectronics
- Optoelectronics,
- Photonics,
- Photovoltaic devices,
- New electronic materials and applications,
- Electronic materials science and technology,
- Materials characterization techniques,
- Reliability and failure analysis,
- Education in microelectronics, devices and materials.

ABSTRACT AND PAPER SUBMISSION:

Prospective authors are cordially invited to submit up to 1 page abstract before **May 1st, 2018**. Please, identify the contact author with complete mailing address, phone and fax numbers and e-mail address.

After notification of acceptance (**June 15th, 2018**), the authors are asked to prepare a full paper version of six pages maximum. Papers should be in black and white. Full paper deadline in PDF and DOCX electronic format is: **August 31st, 2018**.

IMPORTANT DATES:

Abstract deadline: **May 1st, 2018** (1 page abstract or full paper)

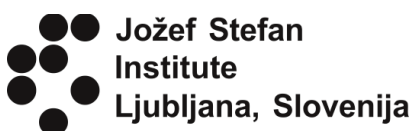
Notification of acceptance: **June 15th, 2018**

Deadline for the final version of manuscript: **August 31st, 2018**

Invited and accepted papers will be published in the conference proceedings.

Detailed and updated information about the MIDEM Conferences is available at

<http://www.midem-drustvo.si/> under Conferences.



Jožef Stefan
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