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Letna naročnina je 100 EUR, cena posamezne številke pa 25 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 JAKRS 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™.

Po mnenju Ministrstva za informiranje št.23/300-92 se šteje glasilo Informacije MIDE M med proizvode informativnega značaja.

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Editorial | Uvodnik

Dear Reader,

This issue brings 6 original scientific papers. A focus of the last (4th) issue used to be on state-of-the-art papers by invited speakers at the MIDE M Conference that we organize in late September every year. Although the 51st MIDE M Conference under the Chairmanship of Professor Janez Trontelj was a big success with the highlight on Terahertz and Microwave Systems Workshop, distinguished invited speakers could not commit themselves to write a full paper for our journal. The world is spinning too fast and everyone faces with lack of time. Conference attendees may be happy to have a privilege to listen to their inspiring talks.

Year 2015 is fading out and this editorial should reveal some statistics about manuscripts. In 2015 we have received more than 140 manuscripts, out of which only 12 have been accepted for publication and more than 100 manuscript were rejected due to too low quality or being out of scope. Despite clearly defined title of our journal and on-line instructions for authors we receive each year a dozen of manuscripts that are out of our journal's scope. In 2015 we published 27 original scientific papers and last 4 Professional Articles. The success rate below 20% in 2015 reflects desire for quality that will path long-term quality growth. I would like to sincerely thank all reviewers and Editorial Board Members for their valuable contribution to the journal quality growth.

In 2015 we have worked hard to switch to an on-line submission and review process of manuscripts. Thanks to Dr. Kristijan Brecl and Dr. Matija Pirc who mastered the Open Journal Systems and prepared it for our journal, we have successfully passed the testing phase in autumn and got ready to start with the on-line submission on 1st Jan 2016. We expect that the system will enable faster review times and higher satisfaction of authors.

December is time for recognition and celebration. Also in Slovenian science arena. We are happy to congratulate the Associate Editor Dr. Danjela Kuščer Hrovatin and her teammates (see the cover page photo) to be honoured with the Puch Award for innovation and successful transfer of cordierite ceramic with low thermal expansion coefficient into mass production.

Let the festive days bring joy and peace in each home, office or research laboratory. It is the time to look ahead and make ambitious plans for the coming year. This brings me to editorial wishes for 2016. As a part of your success we look forward to receiving your next manuscript(s) on our submission page (<http://ojs.midem-drustvo.si/>).

Merry Christmas and a Happy and Prosperous New Year!

Prof. Marko Topič
Editor-in-Chief

P.S.

All papers published in *Informacije MIDE M* – Journal of Microelectronics, Electronics Components and Materials (since 1986) can be access electronically for free at <http://journal.midem-drustvo.si/>. A search engine is provided to use it as a valuable resource for referencing previous published work and to give credit to the results achieved from other groups.

Najvišja priznanja v slovenski znanosti v letu 2015

Odbor za nagrade, ki mu predseduje prof. dr. Tamara Lah Turnšek, je 20.11.2015 v Portorožu podelil najvišja priznanja za dosežke na znanstveno raziskovalnem področju. Slavnostna govornica na prireditvi je bila ministrica dr. Maja Makovec Brenčič. Zoisovo nagrado za življenjsko delo je prejel akad. prof. dr. Peter Fajfar, Priznanje ambasador znanosti Republike Slovenije je prejel prof. dr. Matija Strlič, Zoisove nagrade za vrhunske dosežke so šle v roke prof. dr. Mitjanu Kalinu, prof. dr. Tomažu Pisanskemu in prof. dr. Borutu Štruklju. Podeljenih je bilo tudi pet Zoisovih priznanj in eno Puhovo priznanje.

Raziskovalna skupina, ki jo sestavljajo univ. dipl. inž. **Ines Bantan** in mag. **Helena Razpotnik**, zaposleni v podjetju ETI Elektroelement, d. d., ter doc. dr. **Danjela Kuščer Hrovatin** in dipl. inž. kem. tehnol. **Silvo Drnovšek**, zaposlena na Inštitutu »Jožef Stefan«, je razvila in uspešno uvedla v proizvodnjo neporozno kordieritno keramiko tipa C 410 s kontroliranimi toplotnimi in mehanskimi lastnostmi. Projekt razvoja neporozne kordieritne keramike je potekal tudi v okviru Centra odličnosti NAMASTE - Projekt odprtih možnosti. Kordieritni materiali imajo nizek koeficient linearnega termičnega raztezka, zato se uporabljajo za izdelavo komponent, ki so izpostavljene hitrim temperaturnim spremembam. Raziskovalna skupina je prejela **Puhovo priznanje za izume, razvojne dosežke in uporabo znanstvenih izsledkov** pri razvoju kordieritne keramike s stabilnim nizkim koeficientom linearnega termičnega raztezka.



Fotografija iz arhiva MIZŠ. Z leve proti desni: Ines Bantan, univ. dipl. inž., mag. Helena Razpotnik, doc. dr. Danjela Kuščer Hrovatin, prof. dr. Tamara Lah Turnšek in Silvo Drnovšek, dipl. inž. kem. tehnol.

Iskrene čestitke vsem prejemnikom priznanj in nagrad ter njihovim inštitucijam, še posebej pa članici društva in naši področni urednici za področje tehnologij doc. dr. Danjeli Kuščer Hrovatin!

Prof. dr. Marko Topič
Predsednik društva MIDEM

MIDEM 2016

52nd INTERNATIONAL CONFERENCE ON MICROELECTRONICS, DEVICES AND MATERIALS WITH THE WORKSHOP ON BIOSENSORS AND MICROFLUIDICS



Announcement and Call for Papers

September 28th – 30th, 2016
Ankaran, 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; Zavod TC SEMTO, Ljubljana.

GENERAL INFORMATION

The 52nd International Conference on Microelectronics, Electronic Components and Devices with the Workshop on Biosensors and Microfluidics 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 **Hotel Convent, Ankaran, Slovenia**, well-known resort and conference centre, from **SEPTEMBER 28th – 30th, 2016**.

Topics of interest include but are not limited to:

- Workshop focus: Biosensors and Microfluidics
- 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, 2016**. Please, identify the contact author with complete mailing address, phone and fax numbers and e-mail address. After notification of acceptance (**June 15th, 2016**), 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 DOC electronic format is: **August 31st, 2016**.

IMPORTANT DATES:

Abstract deadline: **May 1st, 2016** (1 page abstract or full paper)
Notification of acceptance: **June 15th, 2016**
Deadline for final version of manuscript: **August 31st, 2016**

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.



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