

MINISTARSTVO ODBRANE REPUBLIKE SRBIJE

MEDIJA CENTAR „ODBRANA“

DIREKTOR

*Slavoljub* M. Marković, potpukovnik

ODSEK ZA IZDAVAČKU DELATNOST

GLAVNI UREDNIK VOJNOTEHNIČKOG GLASNIKA

*Dragana* Marković

ODGOVORNI UREDNIK

mr *Nebojša* Gaćeša, potpukovnik

e-mail: [nebojsa.gacesa@mod.gov.rs](mailto:nebojsa.gacesa@mod.gov.rs), tel.: 011/3349-497, 064/80-80-118

UREĐIVAČKI ODBOR

- brigadni general prof. dr Bojan Zmić, načelnik Uprave za odbrambene tehnologije Sektora za materijalne resurse Ministarstva odbrane Republike Srbije, predsednik Uređivačkog odbora,
- general-major doc. dr Danko Jovanović, načelnik Uprave za logistiku (J-4) Generalštaba Vojske Srbije, zamenik predsednika uređivačkog odbora,
- dr Stevan M. Berber, The University of Auckland, Department of Electrical and Computer Engineering, Auckland, New Zealand,
- doc. dr Mirko Borisov, Fakultet tehničkih nauka Univerziteta u Novom Sadu,
- prof. dr Dragoljub Vujić, Vojnotehnički institut, Beograd,
- general-major vanr. prof. dr Mladen Vuruna, načelnik Vojne akademije, Beograd,
- pukovnik vanr. prof. dr Goran Dikić, prorektor Univerziteta odbrane, Beograd,
- prof. dr Željko Đurović, Elektrotehnički fakultet Univerziteta u Beogradu,
- prof. dr Željko Žilić, McGill University, Department of Electrical and Computer Engineering, Montreal, Canada,
- prof. dr Aleksa Zejak, Fakultet tehničkih nauka Univerziteta u Novom Sadu,
- prof. dr Slobodan Jaramaz, šef Katedre za sisteme naoružanja Mašinskog fakulteta Univerziteta u Beogradu,
- general-potpukovnik prof. dr Miodrag Jevtić, rektor Univerziteta odbrane, Beograd,
- doc. dr Vukica M. Jovanović, Trine University, Allen School of Egineering and Technology, Department of Engineering Technology, Angola, Indiana, USA,
- prof. dr Branko Kovačević, rektor Univerziteta u Beogradu,
- prof. dr Mirko Komatina, šef Katedre za termomehaniku Mašinskog fakulteta Univerziteta u Beogradu,
- naučni savetnik dr Ana Kostov, Institut za rudarstvo i metalurgiju, Bor,
- dr Vasilije M. Manović, CanmetENERGY, Natural Resources Canada, Ottawa, Canada,
- prof. dr Momčilo Milinović, Katedra za sisteme naoružanja Mašinskog fakulteta Univerziteta u Beogradu,
- prof. dr Gradimir V. Milovanović, redovni član Srpske akademije nauka i umetnosti, Matematički institut SANU, Beograd,
- naučni savetnik dr Predrag Petrović, Izvršni direktor za naučno-istraživački rad i radiokomunikacije Instituta za telekomunikacije i elektroniku IRITEL AD, Beograd,
- pukovnik doc. dr Zoran Rajić, direktor Vojnotehničkog instituta, Beograd,
- naučni savetnik dr Aleksandar Rodić, rukovodilac Centra za robotiku Instituta „Mihajlo Pupin“, Beograd,
- naučni savetnik dr Srećko S. Stopić, RWTH Aachen University, Faculty for Georesourcen and Materials Engineering, IME Process Metallurgy and Metal Recycling, Aachen, Deutschland,
- prof. dr Miroslav Trajanović, šef Katedre za proizvodno-informacione tehnologije i menadžment Mašinskog fakulteta Univerziteta u Nišu,
- pukovnik naučni saradnik dr Obrad Čabarkapa, načelnik odeljenja za naučnu i inventivnu delatnost, Uprava za strategijsko planiranje Sektora za politiku odbrane Ministarstva odbrane Republike Srbije,
- potpukovnik mr Nebojša Gaćeša, odgovorni urednik Vojnotehničkog glasnika, sekretar Uređivačkog odbora.

Adresa redakcije:

VOJNOTEHNIČKI GLASNIK,

Braće Jugovića 19, Beograd

<http://www.vtg.mod.gov.rs>

<http://scindeks.nb.rs/journaldetails.aspx?issn=0042-8469>

e-mail: [vojnotehnicki.glasnik@mod.gov.rs](mailto:vojnotehnicki.glasnik@mod.gov.rs)

Pretplata: e-mail: [pretplata@odbrana.mod.gov.rs](mailto:pretplata@odbrana.mod.gov.rs); tel.-fax: 011/3241-009; tekući račun: 840-312849-56

*Rukopisi se ne vraćaju*

Časopis izlazi tromesečno

Prvi štampani broj *Vojnotehničkog glasnika* objavljen je 1. 1. 1953. godine

Prvo elektronsko izdanje *Vojnotehničkog glasnika* na internetu objavljeno je 1. 1. 2011. godine

*Vojnotehnički glasnik* je licenciran kod EBSCO Publishing-a, najvećeg svetskog agregatora časopisa, periodike i ostalih izvora u punom tekstu. Kompletan tekst *Vojnotehničkog glasnika* dostupan je u bazama podataka EBSCO Publishing-a.

Štampa: Vojna štamparija – Beograd, Resavska 40b, e-mail: [vojsta@sezampro.rs](mailto:vojsta@sezampro.rs)

MINISTRY OF DEFENCE OF THE REPUBLIC OF SERBIA  
ODBRANA MEDIA CENTRE

DIRECTOR

Lt Col *Slavoljub* M. Marković

PUBLISHING DEPARTMENT

EDITOR-IN-CHIEF

*Dragana* Marković

MANAGING EDITOR OF THE MILITARY TECHNICAL COURIER

Lt Col *Nebojša* Gačeša MSc

e-mail: [nebojsa.gacesa@mod.gov.rs](mailto:nebojsa.gacesa@mod.gov.rs), tel: +381 11 33 49 497, +381 64 80 80 118

EDITORIAL BOARD

- Brigadier General Bojan Zrnčić, PhD, Professor, Head of the Department for Defence Technologies, Material Resources Sector, Ministry of Defence, (Head of the Editorial Board)
- Major General Danko Jovanović, PhD, Assistant Professor, Director of Logistics Directorate (J-4) at the General Staff of the Armed Forces of Serbia (Deputy Head of the Editorial Board)
- Stevan M. Berber, PhD, The University of Auckland, Department of Electrical and Computer Engineering, Auckland, New Zealand
- Mirko Borisov, PhD, Faculty of Technical Sciences, University in Novi Sad
- Professor Dragoljub Vujić, PhD, Military Technical Institute, Belgrade
- Major General Mladen Vuruna, PhD, Associate Professor, Head of the Military Academy, Belgrade
- Colonel Goran Dikić, PhD, Associate Professor, Prorector of the University of Defence, Belgrade
- Professor Željko Đurović, PhD, Faculty of Electrical Engineering, Belgrade
- Professor Željko Žilić, PhD, McGill University, Department of Electrical and Computer Engineering, Montreal, Canada
- Professor Aleksa Zejak, PhD, Faculty of Technical Sciences, University of Novi Sad
- Professor Slobodan Jaramaz, PhD, Head of the Weapon Systems Department at the Faculty of Mechanical Engineering, University of Belgrade
- Lt General Miodrag Jevtić, PhD, Professor, Rector of the University of Defence, Belgrade
- Vukica M. Jovanović, PhD, Trine University, Allen School of Engineering and Technology, Department of Engineering Technology, Angola, Indiana, USA
- Professor Branko Kovačević, PhD, Rector of the University of Belgrade
- Professor Mirko Komatina, PhD, Head of the Department for Thermomechanics at the Faculty of Mechanical Engineering, University of Belgrade
- Scientific Advisor Ana Kostov, PhD, Institute of Mining and Metallurgy, Bor, Serbia
- Vasilije M. Manović, PhD, CanmetENERGY, Natural Resources Canada, Ottawa, Canada
- Professor Momčilo Milinović, PhD, Weapon Systems Department at the Faculty of Mechanical Engineering, University of Belgrade
- Professor Gradimir V. Milovanović, PhD, Member of the Serbian Academy of Sciences and Arts, Mathematical Institute of the SASA, Belgrade
- Scientific Advisor Predrag Petrović, PhD, Executive Director for R&D and Radio Communications, Institute of telecommunications and electronics IRITEL AD, Belgrade
- Colonel Zoran Rajić, PhD, Assistant Professor, Director of the Military Technical Institute, Belgrade
- Scientific Advisor Aleksandar Rodić, PhD, Head of the Robotics Laboratory at the Mihajlo Pupin Institute, Belgrade
- Scientific Advisor Srećko S. Stojić, PhD, RWTH Aachen University, Faculty for Georesources and Materials Engineering, IME Process Metallurgy and Metal Recycling, Aachen, Germany
- Professor Miroslav Trajanović, PhD, Head of the Department for Production IT and Management at the Faculty of Mechanical Engineering, University of Niš
- Colonel Obrad Čabarkapa, PhD, Scientific Advisor, Head of the Section for Scientific and Inventive Activities, Strategic Planning Department, Defence Policy Sector, Ministry of Defence of the Republic of Serbia
- Lt Colonel Nebojša Gačeša, MSc, Managing Editor of the Military Courier (Secretary of the Editorial Board)

Address:

MILITARY TECHNICAL COURIER

Braće Jugovića 19, 11000 Beograd, Serbia

<http://www.vtg.mod.gov.rs>

<http://scindeks.nb.rs/journaldetails.aspx?issn=0042-8469>

e-mail: [vojnotehnicki.glasnik@mod.gov.rs](mailto:vojnotehnicki.glasnik@mod.gov.rs)

Subscription: e-mail: [pretplata@odbrana.mod.gov.rs](mailto:pretplata@odbrana.mod.gov.rs); Tel.-fax: +381 11 32 41 009; account: 840-312849-56

*Manuscripts are not returned*

The journal is published quarterly

The first printed issue of the *Military Technical Courier* appeared on 1st January 1953.

The first electronic edition of the *Military Technical Courier* on the Internet appeared on 1st January 2011.

*Military Technical Courier* has entered into an electronic licensing relationship with EBSCO Publishing, the world's most prolific aggregator of full text journals, magazines and other sources. The full text of *Military Technical Courier* can be found on EBSCO Publishing's databases.

Printed by Vojna štamparija – Beograd, Resavska 40b, e-mail: [vojsta@sezampro.rs](mailto:vojsta@sezampro.rs)