

60th Anniversary of the SCIENTIFIC TECHNICAL REVIEW

This is the year when the Scientific Technical Review, a journal of the Military Technical Institute, marks six decades of its continuous life. It was launched in the mid-20th century aiming at informing engineers and researchers both from the Military Technical Institute and the military industry about the latest achievements in military technology. It has become a leading national scientific-technical publication of a multidisciplinary character which publishes original scientific papers with the results of original applied research in the field of state-of-the-art weapons and military equipment..



One of the Review designs from 1950 to 1964

The Review was first published under the title Review of Technology News from Military References towards the end of 1950, offering information about the most interesting achievements in the field of military technical science. From 1959 to 1962, it was published under a modified title – Review of Military Technical Achievements, bringing translations of selected articles from foreign military periodicals of direct interest to the military-technical researchers. More than 5,000 news from foreign periodicals published by 1962 covered the latest military achievements as well as the results of scientific research from many military disciplines such as: infantry and artillery weapons, tanks and armoured vehicles, aeronautical technology, engineering, naval technology, telecommunications and radar technology, missiles and rocket propellants, chemical agents and equipment, nuclear weapons, special equipment, logistic support, transportation, metallurgy, etc.

In 1962, the title was changed to Scientific Technical Informative Review, and in 1965 it got its present name – Scientific Technical Review. The changes in the title reflected the changes in the character and the profile of the periodical. Therefore, the Review is primarily focused on publishing original scientific and professional papers in the field of military technical disciplines. The first original and professional papers were published in No.9 (1963), covering the research in the effects of seismic activities on special-purpose structures, exterior ballistics and the characteristics of materials used in infrared technology.

Since 2002, the Review has been published in English, with abstracts in Serbian, Russian and French. It is also available in an electronic version as well as an Internet presentation in four languages (www.vti.mod.gov.rs/ntp or www.vti.mod.gov.rs).

Since 2006, one editorial per year has been dedicated to the memory of one world-famous scientist, thus marking their anniversaries. The scientific work of Tesla, Lyapunov, Euler and Milankovic has been described so far.

The growing quality of the Review over the years has resulted in its recognition in the scientific circles. On more than 25,000 pages, the Scientific Technical Review enshrines the invaluable contribution of generations of researchers involved in the development of military technology and numerous civilian projects as well. Nearly 4,000 experts, mostly with the highest academic titles, from national and foreign military and non-military institutions, have published more than 3,200 papers of scientific and professional importance.

For its 20th anniversary, in 1970, the Scientific Technical Review was awarded The Medal for Military Merits with the Big Star by the president of the SFR of Yugoslavia for its contribution in the field of technical sciences and information on the latest technical achievements. Five years later the Review was awarded The Large Medallion of the Yugoslav Army for the promotion of scientific research. The Editorial Board of the STR has received letters of gratitude for fruitful cooperation from editorial boards of numerous national and foreign periodicals.



Review design from 1965 to 1987

A primary scientific periodical in the field of technical sciences, the Scientific Technical Review covers a multitude of scientific and professional disciplines of interest for research and development of weapons and military equipment. It traditionally provides for the following scientific disciplines: aerodynamics, ballistics (interior, exterior and terminal ballistics), rocket propulsion, flight mechanics, physics of explosion, aircraft guidance and control, automatic control, mechanics of ballistic systems, combat vehicles (armoured bodies, power groups and transmissions), optics and optoelectronics, laser technology, microwave and radar techniques, military telecommunications, sensors, ordnance (explosives, powders, rocket propellants, pyrotechnic mixtures), electric power units, special metal and non-metal materials, corrosion and material protection, chemical and nuclear protection, toxicology and radiobiology, engineering and protective constructions, camouflage techniques, flying vehicle propulsion units, ship resistance, propulsion and strength, computers and information technology, robotics, and specific problems from fundamental sciences and general technology.

This multidisciplinary periodical, classified as a scientific journal at a national level, regularly appears quarterly, with a current circulation of 250 copies per issue, each with 80 pages on average. The multinational Editorial Board prepares for publication original scientific papers with two peer reviews. The Scientific Technical Review data base within the VANTIS (Military Information and Scientific Technical Information System) contains the abstracts of all articles published so far.

In accordance with the UNESCO classification, the Scientific Technical Review, as primary literature in technical science, publishes the following categories of papers:

- ORIGINAL SCIENTIFIC PAPERS
- PRELIMINARY COMMUNICATIONS
- SURVEY PAPERS
- PROFESSIONAL PAPERS, and
- COMMUNICATIONS ON SCIENTIFIC MEETINGS

A very high scientific level of the journal is provided not only through the work of the eminent experts from the Military Technical Institute, but also through contributions of authors from highly regarded professional and academic institutions from the country and abroad. Foreign authors accounted for 20% of the published papers in 2009.

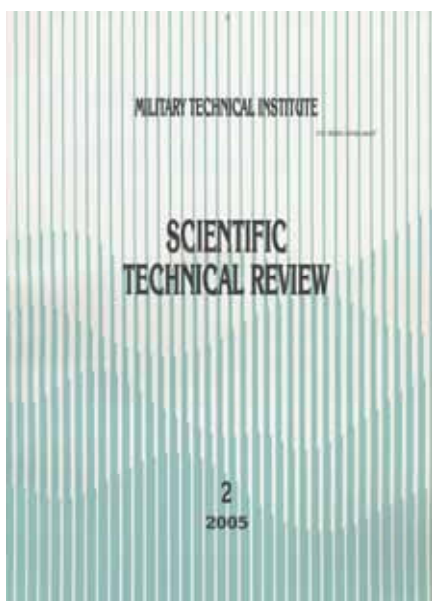
In its 60-year long life, the Scientific Technical Review changed its appearance several times. The current one, based on the mosaic depicting Archimedes, was designed in 2007.

The journal is regularly distributed throughout the country and about 20 countries worldwide.

The Editorial Board invites all the readers interested in promoting their professional and scientific work which matches the profile of the Review to submit their papers and contribute to the journal's quality.



Review design from 1988 to 1997



Review design from 1998 to 2006

Scientific Technical Review
 Editor
 Miroslav Jandrić

SCIENTIFIC TECHNICAL REVIEW EDITORS (1950-2010)

1950.-1965.

The Review is edited by the Editorial Board of the Institute for scientific technical documentation and information which became a part of the Military Technical Institute in 1972. year.

1966.

Editor-in-chief

Vladimir Đorđević, BSc (Eng)

1967.-1972.

Managing editor
Executive editor
Editor

Milivoj Jugin, BSc (Eng)
Nadežda Blagotić, MSc (Eng)
Prof. **Jovan Trivunac**, BSc (Eng)

1973.-1976.

Managing editor
Editor

Prof. **Milivoje Sekulić**, PhD (Eng)
Nadežda Blagotić, MSc (Eng)
Prof. **Jovan Trivunac**, BSc (Eng) (1973.-1975.)
Miodrag Tijanić, BSc (Eng) (1976.)

1977.-1984

Editor-in-chief
Editor

Nadežda Blagotić, MSc (Eng)
Miodrag Tijanić, BSc (Eng)

1985.-1986.

Editor-in-chief
Editor

Stevan Borčić, MSc (Eng)
Miodrag Tijanić, BSc (Eng)

1987.-1988.

Editor-in-chief

Nadežda Blagotić, MSc (Eng)

1989.-1993.

Editor-in-chief
Editor

Janko Viličić, PhD (Eng)
Miroslava Lalović, BSc (Eng)

1994.-2002.

Editor-in-chief
Editor

Prof. **Danilo Ćuk**, PhD (Eng)
Miroslava Lalović, BSc (Eng)

2003.–2006.

Editor-in-chief
Editor

Prof. **Marinko Ugrčić**, PhD (Eng)
Zoran Drašković, PhD (Eng) – (2003.)
Dušan Maoduš, MSc (Eng) – (2004.)
Miroslav Jandrić, MSc (Eng) – (2005.)

2007.

Editor-in-chief
Editor

Dušan Rajić, PhD (Eng)
Miroslav Jandrić, MSc (Eng) – (2005.)

2008.

Editor-in-chief
Editor

Prof. **Stevan Maksimović**, PhD (Eng)
Miroslav Jandrić, MSc (Eng) – (2005.)