

ISSN 1998-6939

**Ministry of Education, Science, Youth and Sports of Ukraine
Kherson State University**

**National Academy of Sciences of Ukraine
Institute of Informational Technologies and Teaching Aids of Education**

Informational Technologies in Education

10th Issue

Kherson – 2011

Printed by decision of Academic Council
of Kherson State University
(protocol № 9 from 21.05.07)

It is ratified to print by Academic Council
of Kherson State University
(protocol № 4 from 31.10.11)

**Registration by SAC of Ukraine:
Decision of the Presidium of the HAC of Ukraine of 14.04.10 p. №1-05/03**

- Editorial stuff:
- | | |
|------------------------|--|
| Spivakovskiy Oleksandr | – Editor-in-chief, Candidate of physical and mathematical sciences, Doctor of pedagogical sciences, Professor, Honored Professor of Jan Dlugosz University, Honored educator, Kherson State University |
| Kravtsov Hennadiy | – Deputy editor-in-chief, PhD, Associate professor, Kherson State University |
| Vinnik Maksim | – responsible secretary, the junior scientist of Research Institute of Informational Technologies of Kherson State University |
| Andrievskiy Boris | – Doctor of pedagogical sciences, Professor, Mukachevo State University |
| Bykov Valeriy | – Academician of the Academy of Pedagogical Sciences of Ukraine, doctor of Technical Sciences, professor, Institute of Information Technologies and Teaching Aids of Education of the Academy of Pedagogical Sciences of Ukraine, Kiev |
| Henry Maier | – Doctor, Professor, Rector of the Alpen-Adria-University Klagenfurt (Austria) |
| L'vov Michael | – Candidate of physical and mathematical sciences, Associate professor, Kherson State University |
| Morze Natalia | – Corresponding member of the Academy of Pedagogical Sciences of Ukraine, Doctor of pedagogical sciences, Professor, National University of Bioresources and Nature Management of Ukraine (Kyiv) |
| Odintsov Valentine | – Doctor of physical and mathematical sciences, Professor, Kherson State University |
| Petukhova Liubov | – Doctor of Pedagogical Sciences, professor, Dean of the Faculty of Preschool and Primary Education, Kherson State University |
| Rakov Sergey | – Doctor of pedagogical sciences, Professor, Assistant Director for Science of the Ukrainian Center for Educational Quality Assessment (Kharkov) |
| Sagan Yelena | – Candidate of pedagogical sciences, Associate professor, Kherson State University |
| Spirin Oleg | – doctor of Technical Sciences, deputy director of scientific work of the Institute of Information Technologies and Teaching Aids of Education of the Academy of Pedagogical Sciences of Ukraine, Kiev |
| Trius Yuriy | – Doctor of pedagogical sciences, Professor, Cherkasy State Technological University |
| Sharko Valentina | – Doctor of pedagogical sciences, Professor, Kherson State University |

Editorial board can edit and reduce articles. Authors opinions cannot always agreed with editorial board's point of view. Authors are responsible for authenticity of facts, quotations, names, places, and other information.

Information technologies in education: Scientific journal. Issue 10. – Kherson: KSU, 2011. – 271 p.

The certificate of state registration of printed mass media Serial number KB № 18045-6895IIP.

© KSU, 2011
© Corporate author
© Publishing house KSU, 2011

The link of digest <http://ite.ksu.ks.ua/>
The link in INDEXCOPERNICUS <http://journals.indexcopernicus.com/karta.php?action=masterlist&id=3027>
E-mail address at V. I. Vernadskiy National Library of Ukraine http://www.nbu.gov.ua/portal/Soc_Gum/itvo/index.html

Address of editorial staff: Kherson State University
40 rokiv Zhovtnya Street, 27, Kherson, Ukraine, 73000.