International Journal on
Information Technologies and Security

Year XV № 2 / 2023

# Sections in this issue:

## 'Information Technologies'
## 'Information Security'
## 'Security Policy'

Clarivate Analytics
Emerging Sources Citation Index
WEB OF SCIENCE™

# International Journal on Information Technologies and Security

*Publication of the Union of Scientists in Bulgaria*
39, Madrid Blvd., Sofia 1505, Bulgaria

**IJITS is indexed in Emerging Sources Citation Index (ESCI) of Web of Science (Clarivate Analytics)**

## International Editorial Board

Prof. Nikos BARDIS, Ph.D. (Greece)
Prof. Dencho BATANOV, Ph.D. (Thailand)
Prof. Francesco BERGADANO, Ph.D. (Italy)
Prof. Betim CICO, D.Sc. (Albania)
Prof. Miguel COUCEIRO, Ph.D., H.D.R. (France)
Prof. Víctor GAYOSO MARTÍNEZ, Ph.D. (Spain)
Prof. Ilija GEORGIEV, Ph.D. (United States)
Assoc. Prof. Liliya GEORGIEVA, Ph.D. (UK)
Prof. Zoran HADZI-VELKOV, Ph.D. (North Macedonia)
Luis HERNÁNDEZ ENCINAS, Ph.D. (Spain)
Assoc. Prof. Nikolay HINOV, Ph.D. (Bulgaria)
Prof. Irena ILIEVA, Ph.D. (Bulgaria)
Prof. Gerrit JANSSENS, Ph.D. (Belgium)
Assoc. Prof. Karl. O. JONES, Ph.D. (UK)
Prof. Vyacheslav KHARCHENKO, D.Sc. (Ukraine)
Assoc. Prof. Todor KOBUROV, Ph.D. (Bulgaria)
Assoc. Prof. Sotiris KOTSIANTIS, Ph.D. (Greece)
Prof. Oleg KRAVETS, D.Sc. (Russian Federation)
Prof. Dmitry MAEVSKY, D.Sc. (Ukraine)
Christos MARKIDES, Ph.D. (Cyprus)
Assoc. Prof. Penka MARTINCOVA, Ph.D. (Slovakia)
Prof. Karol MATIASKO, Ph.D. (Slovakia)
Prof. Gerasimos MELETIOU, Ph.D. (Greece)
Prof. Sanjay MISRA, Ph.D. (Nigeria)
Assoc. Prof. Irina NONINSKA, Ph.D. (Bulgaria)
Acad. Angel POPOV, D.Sc. (Bulgaria)
Prof. Goran RAFAJLOVSKI, Ph.D. (North Macedonia)
Prof. Radi ROMANSKY, D.Sc. (Bulgaria)
Prof. Leon ROTHKRANTZ, D.Sc. (The Netherlands)
Assoc. Prof. Pavels RUSAKOVS, D.Sc. (Latvia)
Prof. Lada SADIKOVIĆ, LLD (B and H)
Prof. Yannis STAMATIOU, Ph.D. (Greece)
Prof. Radomir STANKOVIĆ, Ph.D. (Serbia)
Assoc. Prof. Ventsislav TRIFONOV, Ph.D. (Bulgaria)
Prof. Alexis TSOUKIÀS, Ph.D. (France)
Prof. Michael VRAHATIS, Ph.D. (Greece)
Prof. Larissa ZAITSEVA, D.Sc. (Latvia)

## Additional Reviewers Board

Marin ARANITASI, Ph.D. (Albania)
Prof. Roy ATWOOD, Ph.D. (Albania)
Radhakrishan BHAT, Ph.D. (India)
Assoc. Prof. Nikolaj GORANIN, Ph.D. (Lithuania)
Assoc. Prof. Candelaria HERNÁNDEZ GOYA (Spain)
Plamena KARAIVANOVA, Ph.D. (Bulgaria)
Giovanni MAZZUTO, Ph.D. (Italy)
Assoc. Prof. Violetta PIPERIGOU, Ph.D. (Greece)
Assoc. Prof. K. SARAVANAN, Ph.D. (India)
Sameer SHUKLA (USA)
Assoc. Prof. Heorhii ZEMLIANKO (Ukraine).

## Technical Board

Radi ROMANSKY (*rrom@tu-sofia.bg*), Irina NONINSKA (*irno@tu-sofia.bg*),
Todor KOBUROV. (*todor_kobourov@yahoo.com*), Nikolay HINOV (*nhinov@tu-sofia.bg*)
Web-site administrator: Elena PARVANOVA (*el_parvanova@abv.bg*)

**ISSN 1313-8251,** *Copyright © 2023*

# We present to you the paintings of Valentin Atanasov

valopaint@yahoo.com

Valentin Atanasov is a member of the Union of Shumen`s Artists and member of the Bulgarian Association of Independent Cartoon Animation and Artists Proiko Proikov as well. Its primary painting love is human body expressions. During its artistic metaphors the painter explores new expression techniques and materials. Alongside human centred art it is not rare its brush to capture a nature moments. During the time exhibitions were organized in Bulgaria (cities of Sliven, Karnobat, Shumen, Sofia, Varna, etc.). His artworks are in possess of private owners in France, Russia and museum in Turkey.

Kulevcha's Madonna

International Journal on
Information Technologies and Security
№ 2 / 2023

*“Sun kiss”(oil paints, canvas, 40x40)*
*by the painter Zornitsa Boeva*
*(zori.boeva@gmail.com)*

ISSN 1313-8251