



## 4<sup>th</sup> International Workshop on New Approaches for Multidimensional Signal Processing – NAMSP 2023

July 06-08, 2023

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Technical University of Sofia  
Sofia, Bulgaria

# International Workshop on New Approaches for Multidimensional Signal Processing – NAMSP 2023

July 06-08, 2023 / Technical University of Sofia, Sofia, Bulgaria

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*Bin Hu, Co-Founder of IRnet International Academic Communication Center, China*

*Publicity Chair: SR Dr. Roumiana Kountcheva, T&K Engineering, Bulgaria*

Dear Authors,

It is our pleasure to invite you to take part in the International Workshop on New Approaches for Multidimensional Signal Processing – NAMSP 2023, which will be held in Technical University of Sofia, Sofia, Bulgaria between 06<sup>th</sup> and 08<sup>th</sup> of July, 2023.

The main topics of the workshop are, although not limited to:

Digital Image Processing	Pattern Recognition	Biomedical Computing
Tensor-based Processing of Visual Data	Deep Learning	Financial Modeling
Efficient Transfer of Multidimensional Data	Machine Learning	Social Modeling
Multispectral and Hyperspectral Imaging	Neural Networks	Medical Imagistic
Visible and NIR Surveillance Systems	Data Mining	Virtual Reality
Processing of Visual Medical Information	Self-organization Modeling	Augmented Reality
Medical Image Annotation	Biomedicine	3D and Multiview Visualization
Videoprocessing	Biological Modeling	Telepresence
Videocompression	Bio-inspired Methods	Computer Graphics
		Computer Animation

using tools from various areas, such as Artificial Intelligence, Computer Science, Mathematics, Physics with applications in Medicine, Healthcare, Education, Research, Entertainment, Videoconferencing and Telepresence, Agriculture, Forestry, Ecology, Public Safety, Security and many others.

Original, previously unpublished papers, which are not under consideration in journals or conferences, that fall within the topics of the workshop are welcome.

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## **Important dates**

**Submission Deadline: April 30<sup>th</sup>, 2023**

**Notification of Acceptance: May 31<sup>st</sup>, 2023**

**Camera-ready Submission: June 15<sup>th</sup>, 2023**

## **Fees**

**One author presenting 1 paper: 400 Euro**

**One student presenting 1 paper: 350 Euro**

**One person advertising an institution or a company: 650 Euro**

## **Accepted papers will be published in:**

*Springer book series "Smart Innovation, Systems and Technologies", ISSN: 2190-3018*

*<https://www.springer.com/series/8767>*

*Books from this series are indexed in SCOPUS, EI Compendex, INSPEC, WTI Frankfurt eG, zbMATH, Japanese Science and Technology Agency (JST), SCImago, DBLP.*

**COVID note: Depending on the current COVID epidemiological situation, the workshop could be carried out entirely on-site, in a hybrid form (on-site and online) or entirely online. Please, refer to the official web-site of the workshop for the most up-to-date information.**

## **Contact**

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***Welcome to NAMSP 2023!***