

ICDAM-2023

4th International Conference on Data Analysis and Management

*Organized by London Metropolitan University, London, UK (Venue Partner)
in association with*

*The Karkonosze University of Applied Sciences, Jelenia Gora, Poland, Europe
&*

Politécnico de Portalegre, Portugal, Europe

&

BPIT, GGSIPU, Delhi

Date: 23rd - 24th June 2023

***** CALL FOR PAPERS *****

SPECIAL SESSION ON

Computer Vision: Image Processing, Information Security and Data Analysis

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

Computer vision is a branch of artificial intelligence (AI). In order to create numerical or symbolic information, computer vision tasks can be used to acquire, process, analyse, and comprehend digital pictures as well as to extract high-dimensional data from the actual environment. If AI gives computers the ability to think, computer vision gives them the ability to see, observe, and comprehend. A system trained to check items or monitor a production asset can swiftly outperform humans since it can examine hundreds of products or processes per minute while spotting undetectable flaws or problems. Energy, utilities, manufacturing, and the automobile industries all employ computer vision, and the industry is still expanding. By 2022, it is anticipated to reach USD 48.6 billion. ¹

Authors are asked to submit original concepts as high-caliber conference papers. As a relatively new field, information security, image processing, and computer vision has come a long way, but constantly evolving threats and issues demand that information security professionals stay adaptable, vigilant, and equipped with cutting-edge technologies to provide protection in the modern digital world. You are invited to submit a wide variety of contributions relating to the most recent advancements in the subject for this session.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- **Biometrics, Forensics, Content Protection**
- **Medical Image Analysis**
- **3D Image/ Video Processing**
- **Image Enhancement /Super Resolution / Restoration**
- **Image/ Video Processing for Autonomous Vehicles**
- **Activity Detection/ Recognition**
- **Segmentation and Shape Representation**
- **Human Computer Interaction**
- **Computational Imaging**
- **Visual Sensor Hardware**
- **Motion and Tracking**
- **Security issues**
- **Image restoring and enhancement Data and Cloud security**
- **Security in Image processing and video processing based applications**
- **Machine learning in information security**
- **Interoperability and Integration of security techniques**
- **Block chain for securing online information**
- **Smart security devices**
- **Image processing and computer vision for space applications**
- **Image representation and compression techniques**
- **Wireless and mobile security**
- **Other related applications**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on “Computer Vision: Image Processing, Information Security and Data Analysis”. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE’S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <https://icdam-conf.com/downloads> . All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify “Computer Vision: Image Processing, Information Security and Data Analysis” at the top (above paper title) of the first page of your paper.

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