# 22ⁿᵈ Conference on Medical Image Understanding and Analysis 2018

## 09 July – 11 July 2018
## Southampton, United Kingdom

# Call for Papers

**Key Dates:**

- Paper submission opens: 01 December, 2017
- Paper submission deadline: 12 February, 2018 17.00 GMT
- Notification of Acceptance: 19 March, 2018
- Camera-ready papers due: 02 April, 2018
- Early-bird registration due: ~ May, 2018

## Scope:

- Big data processing
- Clinical and Scientific Evaluation of Imaging Studies
- Computer-Aided Pathology
- Computer-Aided Radiology
- Computer-Assisted Surgery
- Data Compression and Anonymization
- Data Fusion
- Decision Support
- Deep Learning in Medical Imaging
- Discovery of imaging biomarkers
- Human Computer Interaction
- Image Enhancement
- Image Interpretation
- Image-Guided Intervention
- Image Formation and Reconstruction
- Image Perception
- Image Registration
- Image Segmentation
- Intelligent Imaging Systems
- Machine Learning in Imaging
- Modelling and Simulation
- Motion Analysis
- Multi-Modality Image Analysis
- Pattern and feature recognition
- Protocol Development and Standardization
- Texture Analysis
- Time Series Analyses
- Virtual Reality
- Visualisation

## Welcome to MIUA 2018

MIUA is a forum for communicating research progress within the community interested in biomedical image analysis. Its goals are the dissemination and discussion of research in medical image processing and analysis, and aims to encourage the growth and raise the profile of this multi-disciplinary field.

### Technical Paper Submission:

Papers should describe original and unpublished work on the topics of the conference. Prospective authors should prepare a full paper, written in English, between 8 and 12 pages and must submit it electronically.

Each paper will be blind-reviewed by at least two reviewers and will be accepted based on its originality, significance and clarity. For accepted papers to be published, at least one author has to register and present the work at the conference.

### Clinical Abstract Submission:

Submitted abstracts should fit on one A4 page. Calibri font with minimum font size of 11 is preferred. The page margins should be no less than 1 cm on left and right hand sides and no less than 2 cm on top and bottom. Abstracts could be uploaded via the Conference website. However, if the abstract contains figure(s) and/or table(s), it needs to be sent via e-mail to miua2018@soton.ac.uk in Microsoft Word 2013 format.

The abstract page should contain: Title, Authors and Affiliations, Introduction (i.e. Background and Purpose), Methods, Results, Discussion (or Conclusion), References and Acknowledgements if any. Tables and Figures are optional, and can be included as long as they fit within the page.

### Publication:

**Accepted full papers** will appear in the conference proceedings and, in addition, will be published by Springer Â in the Communications in Computer and Information Sciences series, Springer CCIS, Â indexed in DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago and Scopus. CCIS volumes are also submitted for the inclusion in ISI Proceedings.

**Accepted clinical abstracts** will be only included in the conference proceedings and published online. In the conference, they will be presented as traditional posters in portrait A0 format. A selection of abstracts will be also invited for a 2-minutes oral presentation on a dedicated session at the event.

### Special Session:

Proposals for Special Sessions are welcome in order to complement the regular program with new or emerging topics of particular interest to the Medical Imaging community. More information can be found here.

Please find the call for papers and more information at the conference website