## SPECIAL SECTION/ISSUE

### Title
*Biomedical Image Processing and Analysis*

### Editors

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### About
We invite papers on computer aided systems for various medical and biomedical applications. This special section publication is the opportunity to present the most recent advances in image processing and analysis techniques, regarding any image modality. Papers should focus their interest on mathematical and algorithmic aspects in machine/deep learning, augmented/virtual/mixed realities, and many other research areas (e.g. variational approaches, geometrical or statistical modeling, atlas-based approaches, etc.).

### Scope
Articles covering theoretical and practical applications related (but not limited) to the following topics are invited:
- image processing and analysis (segmentation, registration, classification, enhancement, super-resolution, etc.) in 2D, 3D, sequences for various modalities
- applications in biology, medicine, radiomics, radiology, etc.
- personalized medicine for treatment, prevention, diagnosis, etc.
- augmented, virtual and mixed reality for biomedical contexts
- machine and deep learning for biomedical image data.

### Important dates
Submission deadline: ~~15 April 2021~~ **15 May 2021**
Notification of acceptance: **15 July 2021**
Possible publication: **December 2021**

### Information for authors
- The papers should meet high quality journal manuscript guidelines, in terms of research results, editorial quality, and language. Poorly written manuscripts will not be considered for review.
- The submission must be done online at www.amcs.uz.zgora.pl/?action=submission.
  **Important!** In your submission (paper file), please put as the first keyword capitalized *BIOMEDICAL*.
- The papers should be prepared with the journal LaTeX template, following strictly the guide for authors available at www.amcs.uz.zgora.pl/?action=guide.
- The submissions will undergo a review process, following the journal rules.
- The final decision will be made by the journal's Editor-in-Chief and Guest Editors.
- Please note that publication in *AMCS* is subject to page charges, invoiced upon paper acceptance. For details, please visit www.amcs.uz.zgora.pl/?action=guide.

### Technical assistance
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