

IEEE International Microwave Biomedical Conference

Submission Deadline: Oct. 6, 2018

Nanjing, China May 06-08, 2019

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The 2019 International Microwave Bio-Conference (IMBioC 2019) will be held on May 06-08, 2019 in Nanjing University of Science & Technology (NJUST), Nanjing, China. IMBioC is an international forum to exchange ideas and information on state-of-the-art research in microwave and RF theory and techniques that bridge the science and engineering gap as applied to biomedical systems. During the conference, some special sessions including Young Professionals (YP) and Women in Microwave (WIM) panel sessions will be organized, while one exhibition will be held simultaneously.

Topics of interest include but not limited to

- Biological and medical applications of microwave and RF systems
- Radar, imaging and sensor applications
- Pathological, physiological and biochemical studies with electromagnetic waves
- Remote monitoring and communications
- Wearable and implantable wireless devices and body-centric communications
- Biological tissue interaction modelling
- Antennas and propagation
- RF/microwave circuits and systems
- Personal Area Network (PAN) and other network (of any data rate) communications
- RF and millimeter-wave techniques for physiotherapy
- Internet of Thing (IoT) for biomedical applications
- Electro Magnetic Compatibility (EMC) and Electro Magnetic Interference (EMI) in biomedical applications
- Augmented Reality (AR) & Virtual Reality (VR) for biomedical applications
- Computational methods for electromagnetics
- Other topics

Paper submission

Authors are invited to submit 3-page manuscripts in PDF format. All papers must be written in English and clearly describe the concept and results. The template is available on the IMBioC website. Papers submitted will be peer reviewed. All presented papers at the conference will be included in IEEE Xplore, pending quality review.

Best Student Paper contest

Best Student Paper awards will be presented to the winners at the conference. The awards committee will judge the papers on originality, significance, technical soundness, and presentation. To qualify for the award, the author must be a full-time student who presents the paper as the first author.

Special Issue in IEEE J-ERM

Authors presenting at IMBioC 2019 are invited to submit an expanded version of their papers to a special issue in the IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology (J-ERM): <http://iee-jerm.org>.

Important dates

- Paper submission: Oct. 6, 2018
- Paper notification: Dec. 6, 2018
- Final manuscript due: Jan. 31, 2019



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