



Call for Papers

CMP Chinese Journal of Electrical Engineering

Special Issue on Bioelectromagnetics

Scheduled Publication Time: February 2023

Bioelectromagnetic subject mainly includes four main branch research fields: Bioelectromagnetic effect and mechanism, bioelectromagnetic characteristics and electromagnetic information detection technology, bioelectromagnetic intervention technology and new electrical technology in biomedicine. Bioelectromagnetic technology uses the principles and methods of electrical engineering to study the bioelectromagnetic phenomena, characteristics and laws generated by life activities, the effects and mechanisms of electromagnetic field on organisms, the application of bioelectromagnetics in medical and life science instruments, as well as their applications. It is an interdisciplinary discipline integrating electrical science, physics, biology, informatics and medicine. Research on bioelectromagnetic technology can promote the development of new biomedical imaging, new bioelectromagnetic regulation and intervention technologies and provide an inexhaustible driving force for the source innovation of life science instruments and medical equipment.

This special issue will serve as a forum for reporting the technical challenges and recent advances in the study of bioelectromagnetics. Topics of interest include, but are not limited to:

- Bioelectromagnetic effect and mechanism
- Biological electromagnetic characteristics
- Electromagnetic information detection technology
- Bioelectromagnetic intervention technology
- New electromagnetic technology in biomedicine
- Magnetic control of biological systems
- Magnetic susceptibility of biological systems
- Bioelectrochemistry
- Magnetoreception
- Magnetogenetics

All manuscripts must be submitted through Manuscript Central at <https://mc03.manuscriptcentral.com/cjee>. Submissions must be clearly marked “**For Special Issue on Bioelectromagnetics**” on the cover page. When uploading your paper, please select your manuscript type “Special Issue.” The information about manuscript preparation and requirements is provided on <http://www.cjee.com/EN/column/column334.shtml>. Manuscripts submitted for the special issue will be reviewed separately and will be handled by the guest editorial board noted below.

Deadline for Submission of Manuscript: September 30, 2022

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Proposed Timeline:

- Sept. 30, 2022 – Manuscripts Submission Deadline
- Dec. 31, 2022 – Final Acceptance Notification
- Jan. 31, 2023 – Manuscripts Forwarded to CJEE for Publication
- Feb. 28, 2023 – Special Issue Appears in CJEE