



Authors are invited to submit papers for a special section on 'Emerging Blockchain Technologies for Consumer Electronics' in the IEEE Consumer Electronics Magazine. This special section aims at providing a comprehensive review on fundamentals as well as the current state-of-the-art on Blockchain technologies. Recent developments in cryptocurrencies and consensus algorithms are creating new Blockchain based services, while various Blockchain technologies are being developed. Various Blockchain based services are becoming integrated with our daily lives and applied for consumer electronics. This special section seeks articles that review current Blockchain technologies or explore new Blockchain applications and usage scenarios for consumer electronics. Technical articles may be welcome, but these should be of general interest to an engineering audience and of broader scope than archival journal/transaction papers. Articles should be broadly scoped as typically review and tutorial articles are suited to the IEEE Consumer Electronics Magazine.

Topics of interest for this special section include but are not limited to the following:

- New Blockchain backbone network and protocol for consumer electronics
- Smart contracts for consumer electronics
- Decentralized organizations for consumer electronics
- Security and privacy issues on Blockchain technologies
- Blockchain applications for consumer electronics
- Blockchain usage scenarios for consumer electronics
- Blockchain based automations for consumer electronics
- Blockchain based payment system for consumer electronics
- Real use-cases and business models in consumer electronics areas

#### Submission Procedure:

Submissions should follow IEEE standard template available at <https://template-selector.ieee.org/> and should consist of the following: (i) A manuscript of maximum 6-page length: A PDF of the complete manuscript layout with figures, tables placed within the text, and (ii) Source files: Text should be provided separately from photos and graphics and may be in Word or LaTeX format. High resolution original photos and graphics (300 dpi) are required for the final submission. Images embedded in Word or Excel documents are not suitable; however, figures and graphics may be provided in a PowerPoint slide deck, with one figure/graphic per slide. The submissions which have been previously published at a conference need to have at least 50% new material and should be mentioned in the cover letter. ScholarOne Manuscripts URL for submitting the manuscripts is the following: <http://mc.manuscriptcentral.com/cemag>. The authors need to select "Special Section: Emerging Blockchain Technologies for CE" in Step-1 of submission to ensure that the article is considered for this Special Section. NOTE: Articles exceeding 6 pages (including text, tables, and figures) during author proof will be charged at US\$ 250 per page for extra pages beyond the first allowed 6 pages. For any questions, please contact the lead guest editor Prof. Jong-Hyouk Lee.

#### IMPORTANT DATES:

- **ARTICLE SUBMISSION DUE:**  
**OCTOBER 31, 2022**
- **AUTHOR NOTIFICATION:**  
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