

SPECIAL ISSUE on

Empowering the Future Generation Systems: Opportunities by the Convergence of Cloud, Edge, AI, and IoT

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DESCRIPTION

This special issue in [Open Computer Science](#) focuses on Empowering the Future Generation Systems: Opportunities by the Convergence of Cloud, Edge, AI, and IoT

The digital revolution is characterized by the convergence of technologies – from edge computing to cloud, Artificial Intelligence (AI), and the Internet of Things (IoT) – blurring the lines between the physical and digital worlds. Although the four distinct technologies evolved independently over time, they are increasingly becoming more intertwined. With more adaptation and development, we are seeing a persistent convergence and fusion of these technologies resulting in an unprecedented paradigm shift that is expected to disrupt and reshape the next-generation systems in all the sectors in a way that the capabilities of the technologies are aligned in the best possible way. Although the convergence of the four technologies can potentially tackle major shortcomings of today's systems, its adoption is still in its infancy phase, suffering from various issues, such as a lack of consensus towards any reference models or best practices. To enable this transformation and boost the value created by the aforementioned technologies, this special issue solicits original work in all avenues of the next-generation systems based on the fusion of Edge, Cloud, AI, and IoT.

Authors are requested to submit their full revised papers complying the general scope of the journal. The submitted papers will undergo the standard peer-review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

HOW TO SUBMIT

Before submission authors should carefully read the [Instruction for Authors](#), available online.

Manuscripts can be written in TeX, LaTeX (strongly recommended) - the journal's [LATEX template](#). Please note that we do not accept papers in Plain TEX format. Text files can be also submitted as standard DOCUMENT (.DOC) which is acceptable if the submission in LATEX is not possible. **For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file.**

All submissions to the Special Issue must be made electronically via online submission system Editorial Manager: <http://www.editorialmanager.com/opencs/>

All manuscripts will undergo the standard peer-review process (single blind, at least two independent reviewers). **When entering your submission via online submission system please choose the option "SI: Empowering the Future Generation Systems "**.

Submission of a manuscript implies that the work described has not been published before and it is not under consideration for publication anywhere else.

The **deadline for submissions is November 25, 2023**, but individual papers will be reviewed and published online on an ongoing basis.

Contributors to the Special Issue will benefit from:

- Critical peer-review
- no space constraints
- quick online publication upon completing the publishing process (**continuous publication model**)
- better visibility due to **Open Access** – free, unrestricted and permanent access to all the content
- **liberal policies on copyrights** (authors retain copyrights) and on self-archiving (no embargo periods)
- promotion of published papers to readers and citers
- **long-term preservation** – content archiving with Portico

We are looking forward to your submission!

In case of any questions please contact [Editorial Office](mailto:opencomputerscience@degruyter.com)
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