

—Special Section on Towards Management for Future Communications and Services  
in Conjunction with Main Topics of APNOMS2021—

The IEICE Transactions on Communications announces that it will publish a special section entitled “Special Section on Towards Management for Future Communications and Services in Conjunction with Main Topics of APNOMS2021” in Nov. 2022.

The technological evolution of communication networks is rapidly progressing towards Beyond5G/6G and all-photonics networks. In addition, drastic changes are occurring to adapt to the new communication styles in the Post-COVID19 Era. This evolution and transformation pose new challenges in network and service management for the future communications and services.

Thus, a special section is planned (scheduled to appear in Nov. 2022 issue, but accepted papers will be published immediately as advance publication around May 2022) to promote research and development of management for future communications and services. This special section is intended to contribute to accelerate and progress the research by encouraging the new proposals, implementation, operation and technical results.

In particular, the following proposals are positively accepted: commercial systems, pilot systems, demonstration systems, concept systems, and feasibility evaluations using the proposed systems in companies, universities, and government research institutes.

This special section encourages the authors at APNOMS2021 to submit the papers to promote the publication of extended version. The paper submission is not limited to the authors of APNOMS2021. Many submissions are cordially encouraged.

### 1. Scope

This special section aims to identify emerging research topics regarding management for future communications and services. The topics of this special section covers include the following topics:

- Management towards Beyond5G/6G and All-photonics Networks Era
- Management of Communication and Service in the Post-COVID19 Era
- Management with Artificial Intelligence techniques
- Management Functional Areas
- Management Approaches
- Methodologies for Network Operations and Management
- Operational Experience, Implementation, Prototyping and Practice with Network and Service Management

### 2. Submission Instructions

The standard number of pages is 8. The page charges are considerably higher for extra pages. Manuscripts should be prepared according to the guideline in the “Information for Authors”. The latest version is available at the web site, [https://www.ieice.org/eng/shiori/mokuji\\_cs.html](https://www.ieice.org/eng/shiori/mokuji_cs.html). The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for regular issues (60 days) because of the tight review schedule. This special section will accept papers only by electronic submission. Submit a manuscript and electronic source files (TeX/Word files, figures, authors’ photos and biographies) via the IEICE Web site [https://review.ieice.org/regist/regist\\_baseinfo\\_e.aspx](https://review.ieice.org/regist/regist_baseinfo_e.aspx) by Dec. 10, 2021 (Japan Time). Authors should choose the [Special-EB] Towards Management for Future Communications and Services in Conjunction with Main Topics of APNOMS2021 “Type of Section (Issue)/Transactions” on the online screen. Do not choose [Regular-EB] .

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### 3. Special Section Editorial Committee

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