

# IEEE Transactions on Emerging Topics in Computing Special Section on New Frontiers in Computing for Next-Generation Healthcare Systems

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Schedule (Tentative):

- deadline for submissions: July 1, 2019
- first decision (accept/reject/revise, tentative): September 15, 2019
- submission of revised papers: November 15, 2019
- notification of final decision (tentative): January 15, 2019
- journal publication (tentative): first half of 2020

Authors are invited to submit a manuscript to this special section. Relevant topics of interest must fall in the domain of e-Health to m-Health and p-Health (\*-Health) and include (but are not limited to):

1. Emerging applications in next-generation healthcare systems
2. Computing aspects of pervasive and ubiquitous healthcare systems
3. Technologies, methods and applications empowering data management and sharing, user privacy, security and safety (e.g. blockchain, privacy by design, fault tolerance, etc.)
4. Assistive computing technologies for children, elderly and disabled individuals
5. Technological advances (e.g. gamification, IoT, mixed/augmented reality, artificial intelligence) for wellness/well-being management
6. Non-conventional and emerging applications of data analytics and machine learning
7. Applications and methodologies leveraging web-generated Data for healthcare and digital epidemiology
8. Semantic Computing applications and methods

Submitted papers must include new significant research-based technical contributions in the scope of the journal. Purely theoretical, technological or lacking methodological-and-generality papers are not suitable to this special issue. The submissions must include clear evaluations of the proposed solutions (based on simulation and/or implementations results) and comparisons to state-of-the-art solutions. For additional information please contact the Guest Editors by sending an email exclusively to [TETC-SI-ehealth@polito.it](mailto:TETC-SI-ehealth@polito.it). Papers under review elsewhere are not acceptable for submission. Extended versions of published conference papers (to be included as part of the submission together with a summary of differences) are welcome **but** there must have at least **50% of new impacting technical/scientific material** in the submitted journal version and there should be **less than 30% verbatim similarity level** as reported by a tool (such as CrossRef). Guidelines concerning the submission process, LaTeX and Word templates can be found at <https://www.computer.org/web/tetc/author>. While submitting through ScholarOne, at <https://mc.manuscriptcentral.com/tetc-cs> please select the option "Special Section on New Frontiers in Computing for Next-Generation Healthcare ". As per TETC policies, only full-length papers (10-16 pages with technical material, double column - papers beyond 12 pages will be subject to MOPC, as per CS policies -) can be submitted to special sections. The bibliography should not exceed 45 items and each Author's bio should not exceed 150 words.