

TechRxiv™

CHORUS Forum: Future of Preprints
Dawn Melley, Senior Director, Publishing Operations
4 June 2026



Who Am I?

- ▶ Senior Director, Publishing Operations
- ▶ Oversee publishing services for IEEE periodicals, conferences, and books
- ▶ Lead a team of more than 100 professionals supporting researchers through editorial, production, indexing, and digital content services
- ▶ Emphasis on technology and continuous improvement
- ▶ Serve as Publisher of *Proceedings of the IEEE*, *IEEE Access*, and IEEE Press, with responsibility for business operations
- ▶ More than 25 years at IEEE and 40 years of experience in STM publishing

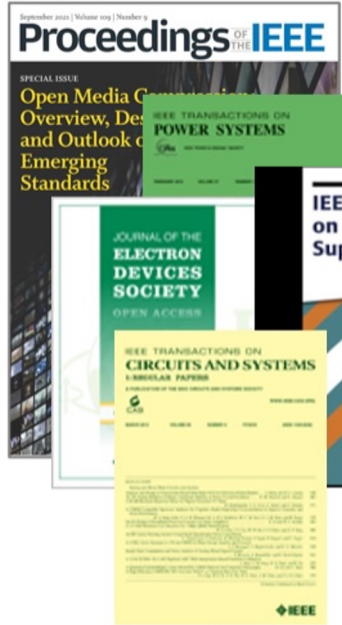


What Is IEEE?

- ▶ World's largest professional association advancing innovation and technological excellence for the benefit of humanity
- ▶ Over 500,000 IEEE members in more than 160 countries
- ▶ 46 Societies and Technical Councils, 10 worldwide geographic regions
- ▶ Publishes nearly a third of the world's technical literature in electrical engineering, computer science and electronics
- ▶ Sponsors over 2,000 conferences annually
- ▶ Leading developer of international standards
- ▶ Led by a diverse body of elected and appointed volunteer members



IEEE Publications Portfolio



197
Journals



2025
Conference
Papers
316,937

52
Magazines



1,378
Books



19,298+
Preprints



TechRxiv Launch Driven By Strategy

- Overarching Goal: Improve user experience for authors, editors, reviewers, conference organizers, and other stakeholders, leading to increased participation and improved metrics
 - Integrate all content types in authors' R&D lifecycles in IEEE publications, and support IEEE's desire to support the creation of as much content produced in our fields of interest as possible through launching an IEEE preprint server
 - Support all content types: Develop production integration with TechRxiv and integrate tools to enable reproducibility workflows



Search for preprint research articles, keywords, etc.



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(Launched September 2019)

Subject areas

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- COMPUTING AND PROCESSING 7661
- ENGINEERED MATERIALS, DIELECTRICS AND PLASMAS 447
- ENGINEERING PROFESSION 1199
- FIELDS, WAVES AND ELECTROMAGNETICS 1403
- GENERAL TOPICS FOR ENGINEERS 1379
- GEOSCIENCE 463
- NUCLEAR ENGINEERING 118
- PHOTONICS AND ELECTROOPTICS 543
- POWER, ENERGY AND INDUSTRY APPLICATIONS 2203
- ROBOTICS AND CONTROL SYSTEMS 1839
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