The focus of this special issue is on the applications of coding to the broad area of networking for efficient exploitation and delivery of data. Various coding techniques have been devised to tackle erasures and achieve fundamental limits of compression to recover a message with a fidelity criterion. Motivated by the research in this direction and a wide variety of applications at the intersection of distributed systems and networking, this special issue will focus on key aspects ranging from employment of coding for enhancing the efficiency of networking, protocols, computation and delivery in distributed systems, to maintaining consistency in updates and improving accessibility in distributed storage systems, as well as providing desired performance tradeoffs in terms of efficiency, delay and atomicity.

**Topics:** Authors are encouraged to submit their work on the topics including, but not limited to:

- Networking coding for delay and robustness
- Coding in protocols
- Multipath and multihop coding, recoding
- Coding for streaming
- Intersection of coding and queueing, queuing analysis of coded delivery
- Distributed coding for content access, in caches and the edge
- Coding for distributed and parallel systems
- Coding for efficient updates

**Important Dates:**

- Manuscript Due: May 1, 2021
- Acceptance Notification: Oct. 15, 2021
- Final to Publisher: Nov. 5, 2021

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**Submission Guidelines:** A summary of key guidelines for submission has been provided by the IEEE Journal on Special Areas in Information Theory. Prospective authors are encouraged to refer to the [Author Information](#) in the special issue webpage.