Handbook of Peer-to-Peer Networking

The Handbook of Peer-to-Peer Networking is a comprehensive and unified repository of the various models, applications, methodologies, trends, and challenges of peer-to-peer computing, making it an essential reference for researchers and professionals alike. This handbook addresses current issues as well as emerging concepts and applications, including P2P architectures, search and queries, incentive mechanism, multimedia streaming, service-oriented architectures, collaboration to share non-storage resources, mobile P2P, theory and analysis, and P2P databases. In addition, it covers practical perspectives such as traffic characteristics and trends of P2P applications, and E-business models in P2P applications.

► Offers elaborate discussions on fundamentals of peer-to-peer computing models, networks and applications
► Provides a comprehensive study on recent advancements, crucial design choices, open problems, and possible solution strategies
► Written by a team of leading international researchers and professionals