The 11th IEEE International Conference on Communications and Networking, **ComNet'2024** (5 – 7 November) is organized by MEDIATRON/SUP'COM and aims at bringing together ICT researchers from northern and southern countries to meet, and to exchange ideas and expertise on topics related to Artificial Intelligence (AI), Machine Learning and Data management applied to Cyber Security, Communications and Networking. Authors are solicited to contribute to this conference by submitting original articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in the following areas:

| Track1: AI and big data for networks and digital communications | Track 2: AI and big data applied to cybersecurity | Track 3: Services and applications AI and big data |
|---|---|---|
| Big Data Analytics for Wireless and Wired Network Design | Deep learning for secure fingerprint techniques | Impact of AI & Big Data technologies |
| Machine learning techniques for propagation modeling and wireless communications in 6G | Security and privacy issues | Delivering ai & big data for a smarter future |
| Big Data Intelligent Networking | Best practices and use cases | Deep learning for healthcare |
| Self Organizing Networks | Big Data, Analytics & Artificial Intelligence in Cybersecurity | Ethics on Big Data and AI |
| | System, Software and Security | Open data/Social impact of AI |

**Accepted papers will be submitted for inclusion into IEEE Xplore** subject to meeting IEEE Xplore's scope and quality requirements. Full details about the conference IEEE ComNet2024 are available at

http://comnet.ieee.tn

Contact: comnet@ieee.tn

| Important Dates | Chairs |
|---|---|
| *Paper submission: 15/07/2024* <br><br> *Notification of Acceptance: 15/08/2024* <br><br> *Camera ready Paper Submission: 30/08/2024* | *General Co-Chairs* <br> *Mounir Frikha & Sami Tabbane* <br> *Program Chair* <br> *Zied Choukair* <br> *Publication Chair* <br> *Mohamed Siala* |

## Organizing Committee

*Asma Ben Letaifa, Amel Haji, Maha Jebalia, Nihed Bahria, Nouha Samet, Olfa Ben Ahmed*