The best papers presented at the conference will be invited to submit an extended version for fast publication and especially encouraged.

Interested authors are invited to submit papers presenting novel technical research, research related to business impact or management, applications, methodologies, and analysis of new technologies. The 1st International Conference on 6G Networking (6GNet 2022) will be held from July 6 to 8, 2022 in Paris, France.

6G network research has already started with some initiatives like the 6G Flagship. Besides the (somewhat questionable) speed race, 6G networking is a tremendous opportunity to investigate and foster research in areas like the need for massive digital inclusion and stronger robustness against attacks of any kind, among other challenging topics like global network automation and cross-domain service/slice design, delivery and operation. 6G networking may also be seen as a true convergence point where the distinction between fixed and mobile infrastructures would not make sense anymore.

The research effort in this area of convergence has ignited for quite some time but dramatically progressed with 5G techniques, possibly combined with others like advanced forwarding schemes (multi-path communication designs) or AI/ML-fueled network automation.

This first 6G conference therefore aims at assessing the progress of the various research efforts in areas that will forge 6G networks. The 6G conference will thus bring together top-notch experts from academia and industry (including network operators) to stimulate discussions, introduce new ideas and therefore contribute to the progress of 6G networking research. Interested authors are invited to submit papers presenting novel technical research, research related to business impact or mechanisms of new technologies, as well as broader position and visionary papers. Contributions that discuss lessons learnt and best practices, describe practical deployment and implementation experiences as well as demonstrating innovative use-cases are also encouraged.

6GNet 2022 is technically co-sponsored by IEEE, IEEE ComSoc.

All accepted & presented papers will be submitted for publication in IEEE Xplore. The best papers presented at the conference will be invited to submit an extended version for fast-track review in Annals of Telecommunication (Springer).

**Topics of Interest**

- 6G Physical layers
- 6G RAN
- 6G Core Network
- Software-defined networking and virtualization
- LF Networking
- 6G slicing
- Control algorithms
- Network management
- Self driving networks
- 6G visions
- AI/ML
- Ad hoc and mesh networks
- Autonomous and urban networks
- Edge and Fog Computing
- End user Computing
- Mobile datacenter
- 6G for mobile Internet
- 6G D2D
- 6G unlicensed
- Hybrid technology (5G-NR and 6G)
- 6G Vehicular networks
- 6G Intelligence
- Implementations, testbeds, and prototypes
- Energy-efficient networking
- Security and privacy
- 6G Geolocation
- Underwater 6G wireless networks
- Low and high 6G platforms
- Drone networking in 6G environments
- Global 6G network automation (from service/slice parameter exposure and configuration to service/slice fulfillment and assurance)
- 6G migration strategies (coexistence with 5G and legacy techs)
- Dynamic inter-domain service/slice (including service function chaining) design and provisioning and their implications (security, collaboration schemes, the need for consistency, etc.)
- Smart (e.g., dynamically adaptive to network access conditions, the nature of traffic patterns, etc.)
- 6G connectivity designs for massive digital inclusion
- 6G Green networking
- 6G Applications

**Submission Guidelines**

Submissions should be original, unpublished work, not currently under review by other conferences or journals. Papers submitted to 6GNet 2022 will be assessed based on originality, technical soundness, clarity and interest to a wide audience.

Only PDF files will be accepted for the review process and all submissions must be done electronically through EDAS: [https://edas.info/N27994](https://edas.info/N27994)

Technical papers can be of three types:

- **Full Paper** – maximum length of 8 pages (11-point font) including tables, figures and references.
- **Short Paper** – maximum length of 5 pages (11-point font) including tables, figures and references.
- **Posters & Demo papers** – length of 3 pages are also solicited.

**Important Dates**

- Submission Deadline: January 10, 2022
- Paper Acceptance Notification: March 10, 2022
- Camera ready: March 20, 2022

**General Co-Chairs**

- Khaled B. Letaief, HKUST, Hong Kong
- Matti Latva Aho, Oulu University, Finland
- Merouane Debbah, TII, UAE

**TPC Co-Chairs:**

- Christian Jacquenet, Orange Innovation, France
- Henning Schulzrinne, Columbia University, USA

**Keynotes & Panel Chair:**

- Guy Pujolle, Sorbonne University, France

**Posters & Demos Chair:**

- Tara Yahiya, University Paris-Saclay, France

**Overall Arrangements:**

- Aziza Lounis, DNAC, France

**Web Chair:**

- Elia Kallas, DNAC, France