



NANCY

A **SECURE AND INTELLIGENT** ARCHITECTURE
FOR BEYOND THE FIFTH GENERATION (B5G)
WIRELESS NETWORKS

OUR VISION

NANCY aims to introduce a secure and intelligent architecture for beyond the fifth generation (B5G) wireless networks. By leveraging Artificial Intelligence and Blockchain, NANCY aims to enable secure and intelligent resource management, flexible networking, and orchestration. In this direction, novel mechanisms and techniques will be integrated, including:

- device-to-device connectivity
- mesh networking
- relay-based communications
- medium access protocols
- mobility management schemes
- resource allocation methods

OUR OBJECTIVES



To design a novel Radio Access Network that supports dynamic scalability, high-security and privacy.



To transform networks beyond 5G to intelligent platforms integrating ultra-reliable connectivity and high-energy efficiency.



To provide "almost-zero latency" and high-computational capabilities at the edge.

OUR PARTNERS



STAY CONNECTED



<https://nancy-project.eu/>



NANCY SNS JU Project



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