

5TRonG

Team	Trends in Research on 5G-and-Beyond Technologies and Eco-Systems
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Vision	<p>The 5TRonG team is trained as part of the INPT's Research laboratory in Telecommunications Systems, Networks and Services (STRS) in order to promote research and development (R&D) activities. Team members are engaged to conduct research projects in the fields of communications systems of 5th generation and more.</p> <p>The R&D work of the 5TRonG team will have scientific and industrial benefits (scientific publications, patents, tools / platforms, conferences, seminars, etc.) with the objective of giving the INPT and the STRS research laboratory national and international visibility.</p> <p>To achieve this goal, team members aim to:</p> <ul style="list-style-type: none"> • Train qualified doctoral students in the field; • Suggest projects and internships to engineering students and involve them in activities of the team; • Organize seminars and conferences in the team's areas of expertise; • Create collaborations with academic and industrial partners, nationally and internationally.
Research Topics	<ul style="list-style-type: none"> • 5G and Beyond (PHY, MAC, NET) • Internet of Things (IoT) Technologies and Applications • SDN-NFV • Smart Cities (Access Technologies and Networks) • Green and Energy Efficient Wireless Communications