CORNET Call for Proposals: International Collective Research
--- Organisation profile ---

Organisation:	**CPqD**
Website address:	https://www.cpqd.com.br/en/innovation/
Organisation typology:	□ SME Association □ University □ Research Centre □ Other (please specify)
Sector:	□ Materials □ Process Engineering, Energy Technology and Environment □ Business Management and Organisation □ Construction and Production □ Chemistry, Textile, Food, Health and Medical □ Measurement and Information
Field of specialisation:	**Information and Communication Technologies (ICT)**
Expertise offered:	1) Artificial Intelligence (Reasoning and Knowledge representation; Machine learning; Speech; Dialogue System; Computer Vision) 2) Wireless Communications (such as long-range mobile networks; Wireless Local Area Networks; Specialised Radio Systems; antennas and RF devices in multiple frequency ranges, communications between objects) 3) Optical Communications and Photonics (such as Data Transmission, Amplification, Optical Systems, Interconnection of Data Centers, Metropolitan and Long Distance, Optical Routing) 4) Data Networks (Software Defined Networks/SDN and Network Functions Virtualisation/NFV) 5) Sensing (RFID sensors, optical sensors, radiation sensors, acoustic sensors, electrical and electronic sensors; technologies for identifying and tracking the spatial positioning of people or things in real time). 6) IoT Technologies (connectivity, IoT platform, applications) 7) Blockchain Technologies 8) Energy Systems (such as Energy Storage; Advanced Energy Metering and Automation; Advanced Methods and Algorithms; Energy Conversion)
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