

# Consorzio Nazionale Interuniversitario per le Telecomunicazioni

## National Inter-University Consortium for Telecommunications

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Director of CNIT  
<https://www.cnit.it/>



- National Inter-University Consortium for Telecommunications  
(**37 Italian Universities+8 CNR research units+6 National Labs**)
- Mission: basic and applied research and advanced education in ICT
- 1300+ researchers; **100+ own employees**
- Funding from private companies and competitive programs only
  - overall budget= 16M€
  - H2020: 50 projects, **11 of them coordinated by CNIT, plus Marie Curie ITN**
  - 2019: 124 projects (33 EU + 29 Ntl+ 58 Industry + 4 Nato/international entities from other countries)
  - **5 EU projects on applications of ICT; 3 EU projects on 5G ranked #1 in their calls;** 1 on cybersecurity (EU competence network); 1 on autonomous vehicles; Flagship Graphene, Flagship Quantum Information
  - Organizer of ECOC 2018 and 5G Italy 2018 and 2019 (<https://www.5gitaly.eu/>)
- No “structural” funding, a problem for overhead and labs equipment
  - e.g., Germany 30%, Spain 50%, Switzerland 50% of total budget



- Consortium of 37 Italian Universities
- Non-profit organization
- Founded in 1995
- Legal entity recognized by MIUR (Ministry of University and Research)
- Mission: basic and applied research and advanced education in ICT
- 43 research units (37 universities+ 8 institutes of CNR)



- 6 National Laboratories
- 1300+ researchers; **100+ own employees**
- Funding from private companies and competitive programs only:
  - H2020: 50 projects, **11 of them coordinated by CNIT**
  - 2018 budget: 124 projects (39 EU+37 Ntl+48 Industry), 18M€
  - 2018 results: **5 new EU projects on applications of ICT; 3 new EU projects on 5G ranked #1 in their calls**, 1 on cybersecurity (EU competence network), 1 on autonomous vehicles
  - Flagship Graphene, Flagship Quantum Information
  - Organizer of ECOC 2018 (1600+ participants) and 5G Italy (<https://www.5gitaly.eu/>, CEOs, CTOS, Ministers)



- \* Politecnico di Bari
- \* Politecnico di Milano
- \* Politecnico di Torino
- \* Scuola Superiore S. Anna
- \* Seconda Università di Napoli
- \* Università "Mediterranea" di Reggio Calabria
- \* Università Politecnica delle Marche
- \* Università de L'Aquila
- \* Università del Piemonte Orientale
- \* Università del Salento
- \* Università della Calabria
- \* Università di Bologna
- \* Università di Brescia
- \* Università di Cagliari

- \* Università di Cassino
- \* Università di Catania
- \* Università di Ferrara
- \* Università di Firenze
- \* Università di Genova
- \* Università di Modena e Reggio Emilia
- \* Università di Napoli "Federico II"
- \* Università di Napoli "Parthenope"
- \* Università di Padova
- \* Università di Palermo
- \* Università di Parma
- \* Università di Pavia
- \* Università di Perugia
- \* Università di Pisa

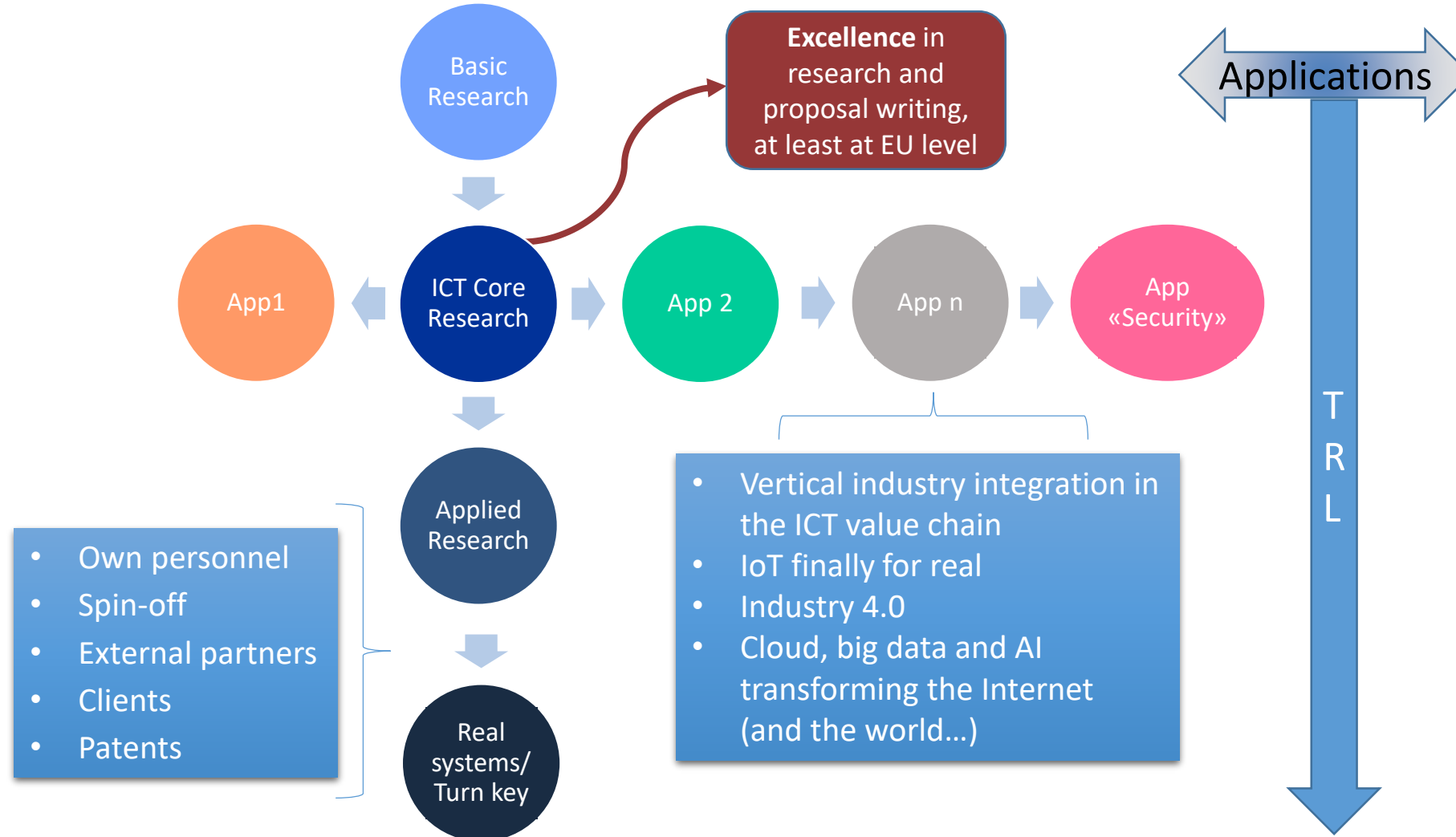
- \* Università di Roma "La Sapienza"
- \* Università di Roma "Tor Vergata"
- \* Università di Roma Tre
- \* Università di Salerno
- \* Università di Siena
- \* Università di Torino
- \* Università di Trento
- \* Università di Trieste
- \* Università di Udine
  
- \* IFAC-CNR 'NELLO CARRARA' (Firenze)
- \* IMAA-CNR OF TITO SCALO (Potenza)
- \* IREA-CNR (Napoli, Milano)
- \* IIT-ISTI-CNR 'Alessandro Faedo' (Pisa)
- \* ISAC-CNR (Bologna)

1. Multimedia Communications, in Naples
2. Photonic Networks and Technologies, in Pisa
3. Radar and Surveillance Systems, in Pisa
4. Smart and Secure Networks, in Genova
5. Optical Fiber Rings, in L'Aquila
6. Wireless Communications, in Bologna/Cesena/Ferrara

- “Sensing Networks & Communications in Sea Ports”
- Located in the Livorno port premises
  - supporting the design and implementation of the digital agenda of the Port Authority
  - providing a testing and experimentation environment to Italian and European partners
  - providing education and training for port operators
- Focusing on
  - IoT and ITS for large scale infrastructures
  - technological transfer in the maritime and logistics domains

- Critical mass (important for EU projects, large projects/missions)
- Single interface and organized access to 37 + 8 research groups, potentially including most of Italian academia
- Cooperative research involving more than one group (UdR or Lab) transparently managed wrt funding agencies
- Efficient and very experienced administration
- Flexibility in procurement, contractual issues and hiring
- Outstanding know-how and best practices in competitive projects management, particularly EU ones
- Long standing relationships with Italian and EU stakeholders, including companies, government agencies, universities...







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