



# THE DEPARTMENT OF COMPUTER SCIENCE AND TELECOMMUNICATIONS

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**The Department of Computer Science and Telecommunications aims to develop teaching and research in Computer Science as it borders on Telecommunications.**

What we are currently seeing is a particularly fast convergence of these two fields: telecommunication systems currently exploit sophisticated computing techniques for data transmission as well as for their production and analysis. In turn, it is now no longer conceivable to consider computing separately from interconnected networks of computing, storage and interface nodes.

Finally, a great number of applications are at the interface of these two worlds: Signal and Image Processing, Multimedia Techniques, etc. Central to all of these subjects is the crucial question of managing very large distributed systems, networks of high performance computers such as computing grids and clouds or telephone networks at the metropolitan or national levels.

Date of update May 10, 2017

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**Teaching staff:**4

**Degree and research masters in Computer Science** co-authorized with ISTIC and the *Université de Rennes 1*.

**Most students continue** their studies to pursue a PhD

**Head of department:** Professor David Pichardie

## RESEARCH ACTIVITIES :

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**In partnership with** IRISA (UMR CNRS 6074, Inria Rennes – Bretagne Atlantique)

**5 joint IRISA-Inria groups:**

Cairn, Celtique, KerData, Logica, MimeTIC - parallel systems, widearea distributed computing, virtual reality, architectures, software verification

**Staff figures:**4 + 7 PhD