

SDN approach to support ubiquitous IoT technologies

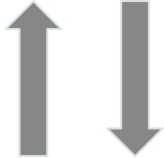
- Amaury Bruniaux, PhD Student
- Mesh IoT networks
- 6LoWPAN fragmentation, RPL, topology discovery
- 6TiSCH simulator, Contiki-ng
- Supervisors:
 - IMT Atlantique (Rennes): Georgios Papadopoulos and Nicolas Montavont
 - ICUBE (Strasbourg): Thomas Noël and Julien Montavont

SDN approach to support ubiquitous IoT technologies

SDN = Software Defined Network

Controller Node

Topology monitoring,
Resource requests



Routing and scheduling decisions,
Rules

} Control plane



} Data plane

Mesh IoT network
under 802.15.4

