



# Corentin Dupont

Technical director & Researcher, IoT & Cloud Computing

## Education

- 2016 **PhD**, *University of Trento*, Trento, Italy.  
Thesis "Energy adaptive infrastructure for sustainable cloud data centres"
- 2003 **MsD**, *Institut Supérieur de l'Electronique et du Numérique*, Toulon, France.  
Specialisation on Real Time computing

## Experience

### Research experience

- 2018–present **Technical director**, *Innotec 21 & Waziup e.V.*, Dresden, Germany.  
Technical director of WaziHub IoT project.
- Team management,
  - Implementation of Cloud & IoT platform: <http://www.waziup.io>.
  - Funding & grant proposal writing
- 2016–2018 **Project technical director**, *Fondazione Bruno Kessler - Create-Net*, Trento, Italy.  
Technical director of Waziup and WaziHub IoT projects.
- Team management,
  - Cloud and IoT research,
  - Implementation of Cloud platform.
- 2010–2015 **Work Package responsible & researcher**, *Create-Net*, Trento.  
Work Package leader for projects FIT4Green DC4Cities. Research and design the algorithms and policies for energy-aware optimization of data centre operations.
- Leader of a team of 4 persons,
  - Algorithmic research, specification and design,
  - Implementation of FIT4Green & DC4Cities prototypes.
- 2010–present **Research funding**, *Create-Net*, Trento.  
**Grants won:** DC4Cities and WaziHub EU project (WP leader, technical director)  
Participated in many project proposals as Coordinator or WP leader.
- 2011–2012 **Researcher**, *Create-Net*, Trento.  
Research in the area of Internet of Things. Leader of the iCore platform.
- Research on DSLs to address the diversity of real-world objects,
  - Implementation of the iCore platform prototype,
  - Coordination of the implementation of the platform.

### Industrial experience

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*Affordable IoT Technologies in Africa.* FBKpress, 2021

- Servane Crave, Babacar Diop, Corentin Dupont, Irene Mutesi, Wilma Sokeng, and Abdur Rahim. *WaziHub: Unlocking IoT Startups in Africa.* FBKpress, 2021

Reviewer for Journal of Grid Computing, E-Energy, FGCS and others. Chair for the EAI IoT 360 Summer School.

## Hobbies

Paragliding Flying since 20 years, licensed for taking passengers

Open Source More than 3000 contributions on Github. Author of a unique game: [www.nomyx.net](http://www.nomyx.net).

*Il sottoscritto consapevole della responsabilità penale prevista dal D.P.R. 445/2000, per le ipotesi di falsità in atti e dichiarazioni mendaci ivi indicate DICHIARA che le informazioni sopra riportate sono veritieri. Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 Codice in materia di protezione dei dati personali.*

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