

PADR

[HTTPS://WWW.CRISTAL.UNIV-LILLE.FR/PADR/](https://www.cristal.univ-lille.fr/padr/)

ENGINEERING FOR RESEARCH



Guille Polito
SWE PADR ambassador
[@guillep](https://twitter.com/guillep)
<https://guillep.github.io/>

PADR: POLE D'AIDE AU DÉVELOPPEMENT ET À LA RECHERCHE

We help

research

to professionalize their

ENGINEERING

practices

THE TEAM

- ▶ 14 engineers
- ▶ Different Specialities: software engineering, virtual reality, automation, embedded devices, robotics, bio-informatics, graphics, simulation, IHM, Electronics, Mecanics, Instrumentation

EXAMPLE OF PROJECTS

- ▶ N2S3/Emeraude: SWE support to the neuromorphic simulator (Guille)
- ▶ Sigma: a software engineering approach for reproducible research (Guille)
- ▶ RMoD: Database Analyses (Olivier)
- ▶ Norine/Bonsai: SWE support for DNA sequencing (Areski)
- ▶ SOFA/Defrost: SWE support for medical simulations (Damien)
- ▶ MOOSE: Railway modelling (Gilles & Fabien)
- ▶ STRAIN robotics platform (Gerald)
- ▶ DICOT: Support for robotic design (Michel)

**COME AND TALK TO US.
WE CAN HELP YOU!**

Guille



TECHNICAL PRESENTATIONS

Examples of old presentations:

- ▶ Code Transformations with Spoon
- ▶ Foreign Function Interfaces
- ▶ Designing and building little electronics devices 101
- ▶ From JSON to a custom DSL
- ▶ Git, programming languages, and much more...!

**JOIN TO OUR TALKS, AND
PROPOSE YOURS TOO!**

Guille



PADR

[HTTPS://WWW.CRISTAL.UNIV-LILLE.FR/PADR/](https://www.cristal.univ-lille.fr/padr/)



Guille Polito
SWE PADR ambassador
@guillep
<https://guillep.github.io/>

ENGINEERING FOR RESEARCH