



# BicsLab Partnership

A first step to even more  
opportunities



FACULTY OF SCIENCE,  
TECHNOLOGY AND  
COMMUNICATION

[bicslab.uni.lu](https://bicslab.uni.lu)



### The BicsLab is composed by three distinct axes:

A laptop screen displaying code, with the word 'Software' overlaid in white text.

#### Software

Agile methods and DevOps processes and tools.

Research and development applied to various application domains.

Supervisor: Alfredo Capozucca

A person wearing VR goggles, with the word 'Senseware' overlaid in white text.

#### Senseware

Software engineering for intelligent and augmented environments.

Interdisciplinary (learning, robotics, virtual & augmented reality).

Supervisor: Nicolas Guelfi

A green plant with a small robot on it, with the word 'Greenware' overlaid in white text.

#### Greenware

Cyber-Physical Systems Engineering for Ecological Systems.

Educational games and simulators for Positive Green IT.

Supervisor: Benoît Ries

## We offer

Student projects suited to your needs.

Having a BiCS student working for 200 hours per semester on your defined projects.

Access to a supporting software engineer for the supervision, packaging and deployment.

Access to get students for summer jobs: 4 to 8 weeks of full-time paid job.

## The BicsLab objectives

- Support business incubation for selected BiCS students.
- Host selected Bachelor Semester Projects.
- Develop industrial collaborations.
- Provide an initial R&D support structure for selected BiCS students.
- Initiate advanced R&D collaborations at master, doctorate or post-doctorate levels.

## Why joining the BicsLab?

- Connect with Bachelor and Master thesis students.
- Recruit technicians or engineers and benefit from our students knowledge and capabilities.
- Take part in defining National and International Research Projects with us.
- Be visible to numerous Luxembourg professional stakeholders through our communication means.
- Benefit from a networking and R&D thematic opportunity.
- Joint supervision of thesis at Bachelor and Master level.

## BicsLab partnership agreement

Signature by the Partner, the University of Luxembourg and the BiCS Director.

Contribution to become a member of the BicsLab : 3.000 € / year.

Valid for one year (renewable).

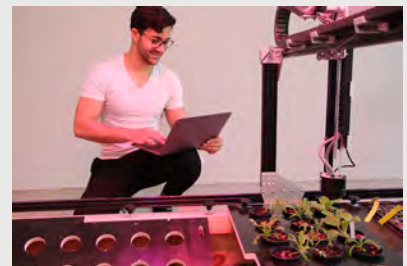
## BicsLab partners projects

A hardware and software prototype to adapt FarmBot to hydroponics at Neobuild company.

Development of vocal and visual interactions, combined with an embedded website for Pepper at CTG.

Management of security issues in a modern smart garden application using Angular FullStack and NodeJS at KreoBox.

## Some results



## BicsLab partners





# Become a **BicsLab** **Partner** now!

To become a BicsLab partner, please contact:

**Benoît Ries**

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