

User guide

This guide provides an overview of the different sections of the website and how to interact with them as a normal user.

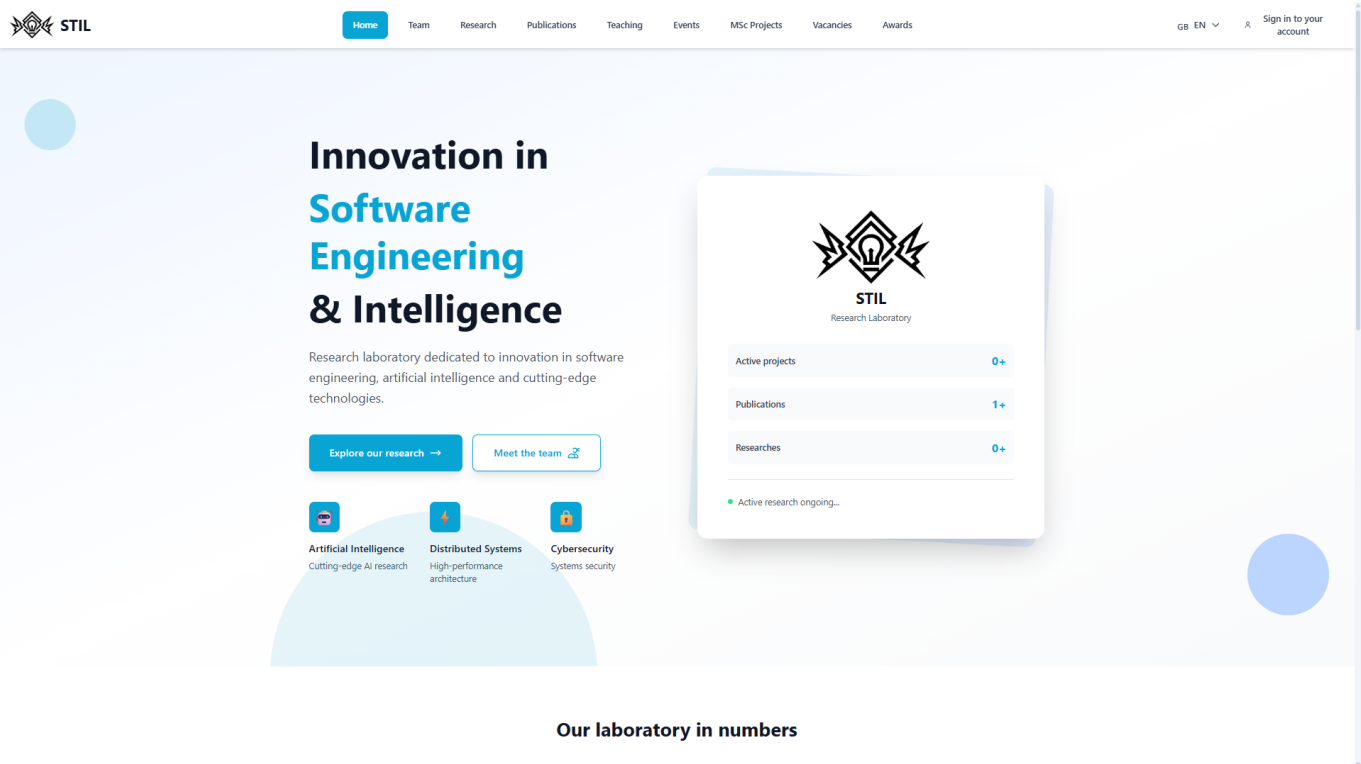
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Homepage

The homepage offers a quick overview of the lab's activities. You'll find:

- Key statistics (e.g., number of publications, active projects, researches).
- Quick access links to other sections of the site.



Team

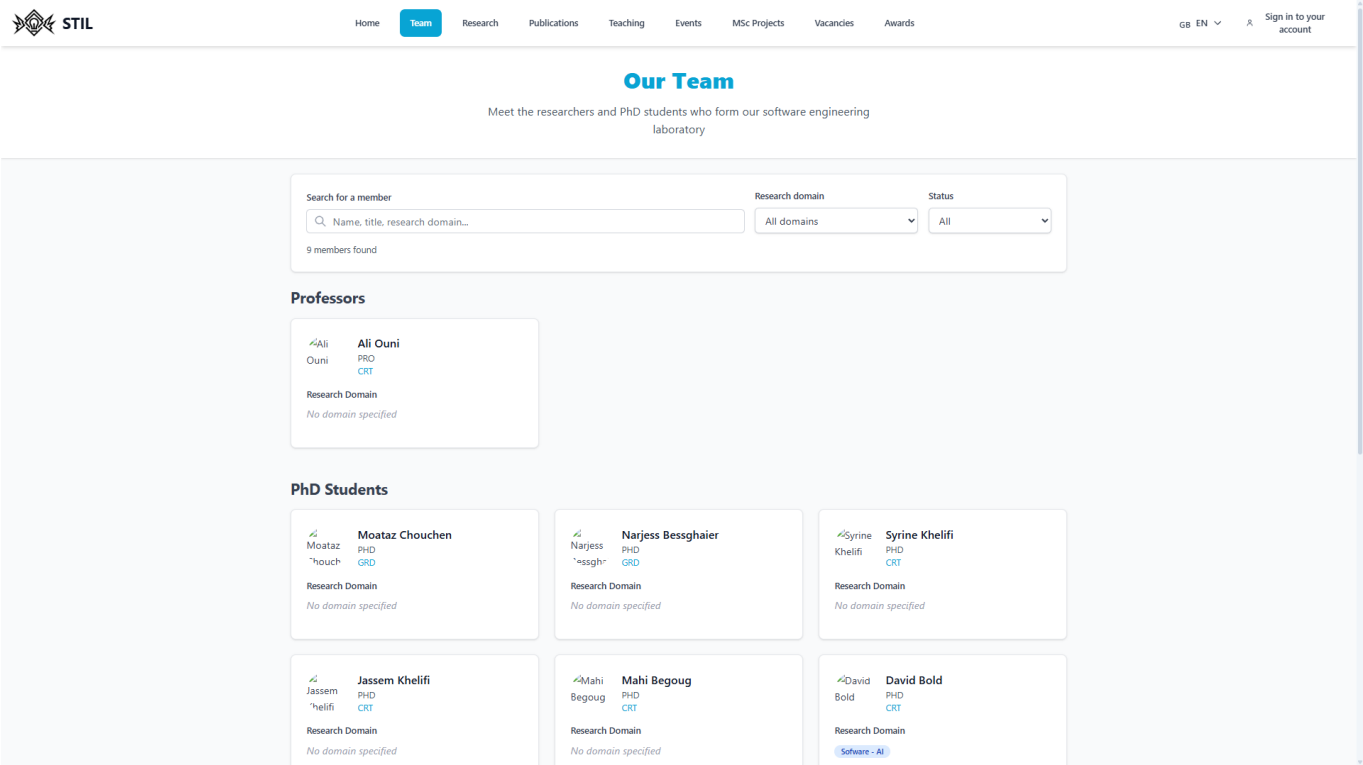
This page lists all lab members, including:

- Professors
- PhD students
- Master's students

You can filter and search the list using:

- **Status:** Active, Alumni, or All
- **Research Domains**
- **Search Bar:** Search by name or other keywords

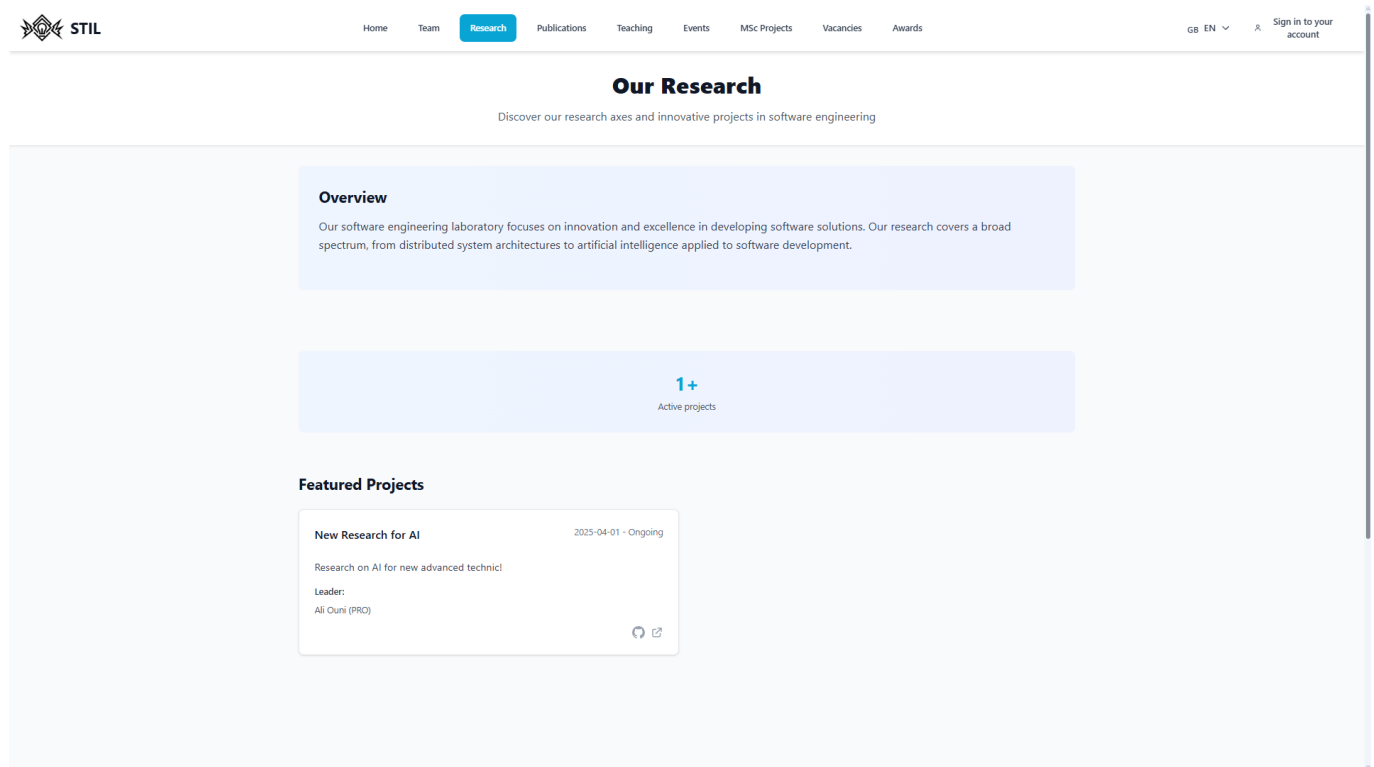
Each member card provides a brief summary and linked to more detailed profiles



Research

A list of research projects carried out by the lab.

- Each item includes a title, description, leader, and relevant links.
- Some stat shows how many active projects are ongoing




Publications

This is the main focus of the website — a comprehensive list of all lab publications.

You can:

- Search by title or author
- Filter by:
 - Year
 - Type
- Sort:
 - By year (ascending/descending)
 - By title

Each publication displays its metadata and links to full texts or BibTeX entries.



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GB EN [Sign in to your account](#)

Our Publications

Discover the research work published by our laboratory

Search publications

Year

All

Type

All

365 publications

Sort by: Year (newest)

The History of Mesoscale Severe Weather Monitoring and Forecasting in India

article

DOI

Authors: C. Mohanty, U. Nadimpalli, Raghu, Srivastava, Akhil, K. Das, Ananda, K. Osuri, Krishna, Routray, A. Joseph, Sudheer, L. N. Murty, P. R. Pattanaik, D. Gopalakrishnan, Sundararaman, Niyogi, Dev, Mohapatra, M.

MAUSAM • 2025

Show BibTeX

CityTFT: A temporal fusion transformer-based surrogate model for urban building energy modeling

article

DOI

Authors: Dai, Ting-Yu, Niyogi, Dev, Nagy, Zoltan

Applied Energy • 2025

Show BibTeX

Urban planning and IPCC-like city assessments integration for climate-resilient cities

article

DOI

Authors: Ye, Xinyue, Yigitcanlar, Tan, Xu, Yangyang, Head, Monique, Hang, Yun, W. Sanchez, Thomas, Gong, Wenjing, Niyogi, Dev

Environment and Planning B Urban Analytics and City Science • 2025

Show BibTeX

Quantifying outdoor heat stress potential due to city-wide installation of rooftop photovoltaic solar panels

article

DOI

Teaching


A list of courses taught by lab members.

Each course entry includes:

- The course code
- Whether it's for undergraduate or graduate level
- The professor responsible
- The term/session it will be given (e.g., Fall 2025)

The **Syllabus** button redirects you to the official ÉTS course page.

Useful statistics are also shown, such as the number of current courses, number of instructors, etc.



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dev

dev

Teaching

Discover the courses taught by our laboratory members

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Courses offered

1

Instructors

2

Study levels

Search courses

Q Title, code, instructor...

Level

All levels

Semester

All semesters

MGL843

Graduate

Advanced Topics in Software Desgin

Ali Ouni

Fall 2019

Syllabus

LOG100

Undergraduate

Programming in Software Engineering

Ali Ouni

Winter 2020

Syllabus

LOG530

Undergraduate

Software Reengineering

Ali Ouni

Winter 2021

Syllabus

MGL804

Graduate

Software Maintenance

Ali Ouni

Winter 2021

Syllabus


Events

List of events organized or promoted by the lab.

You can:

- Filter by:
 - Status (Upcoming, Past)
 - Type

Each event includes a description, speaker, and registration info.



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Events & News

Discover our seminars, workshops, defenses and laboratory events

1

Total events

1

Upcoming events

0

Registrations

Upcoming

All types

1 undefined

Upcoming events

MTG

Registration open

New project reveal

dimanche 31 août 2025

21:00:00

ÉTS

Speaker: Ali Ouni

Reveal of the project the team is curently working on.

Register


Awards

This section lists awards received by lab members or associated with lab activities.

You can filter by:

- Year
- Organization
- Member

Useful stats (e.g., number of awards by year or member) are displayed at the top of the page.



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GB EN

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Awards & Distinctions

Recognition of excellence in our research and team

17
Awards received

1
Organizations

1
Awarded members

12
Years of recognition

Year

Organization

Member

All years

All organizations

All members

17 undefined

2024

1 awards in 2024

Best Paper Award, 55th ACM Technical Symposium on Computer Science Education (SIGCSE), 2024.

Recipients: Ali Ounil

Unknown Organization

Publication

Recent

2024

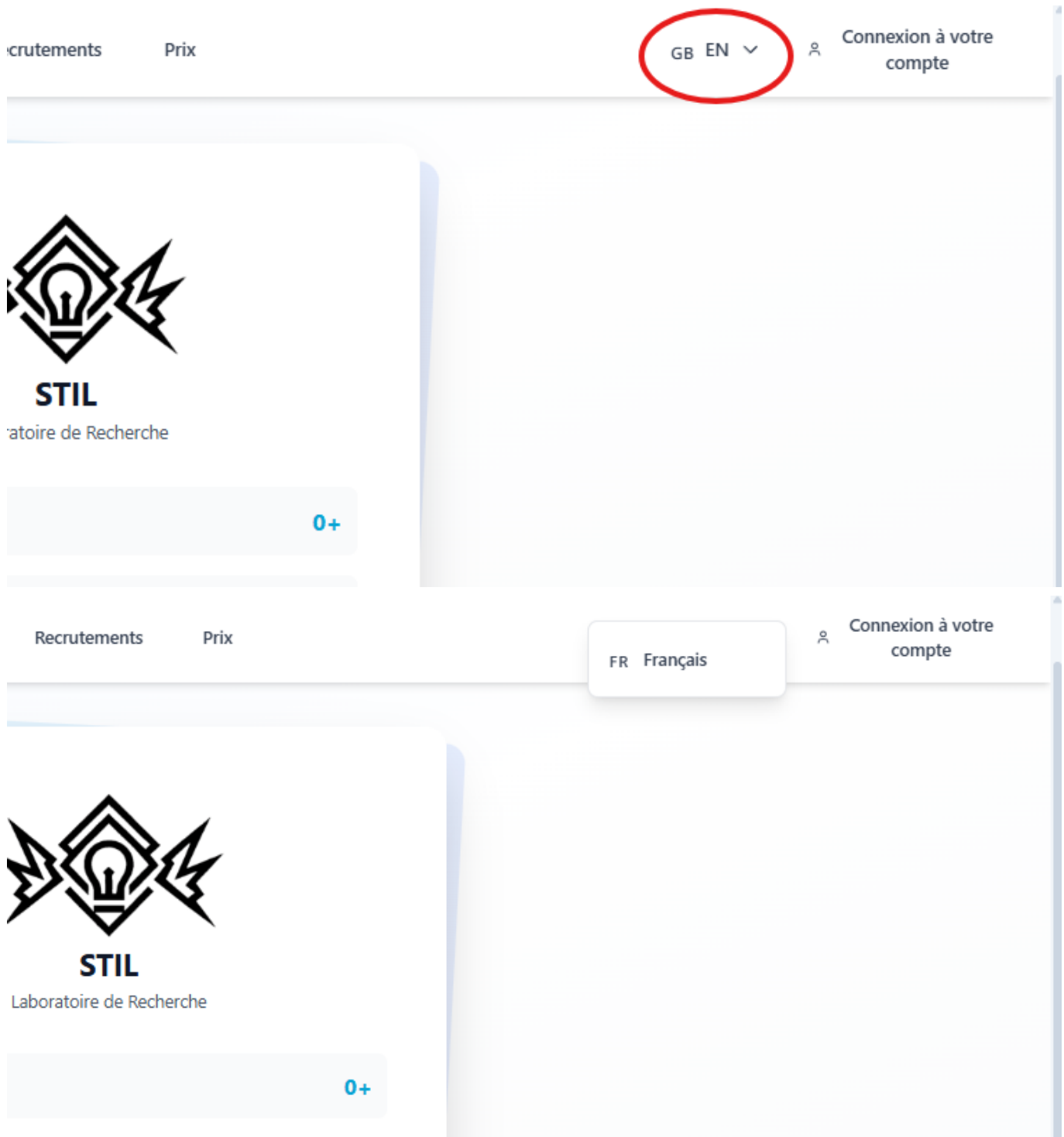
2023

2 awards in 2023

CS-Can/Info-Can Outstanding Early Career Computer Science Researcher Award, Canada's national Computer Science academic

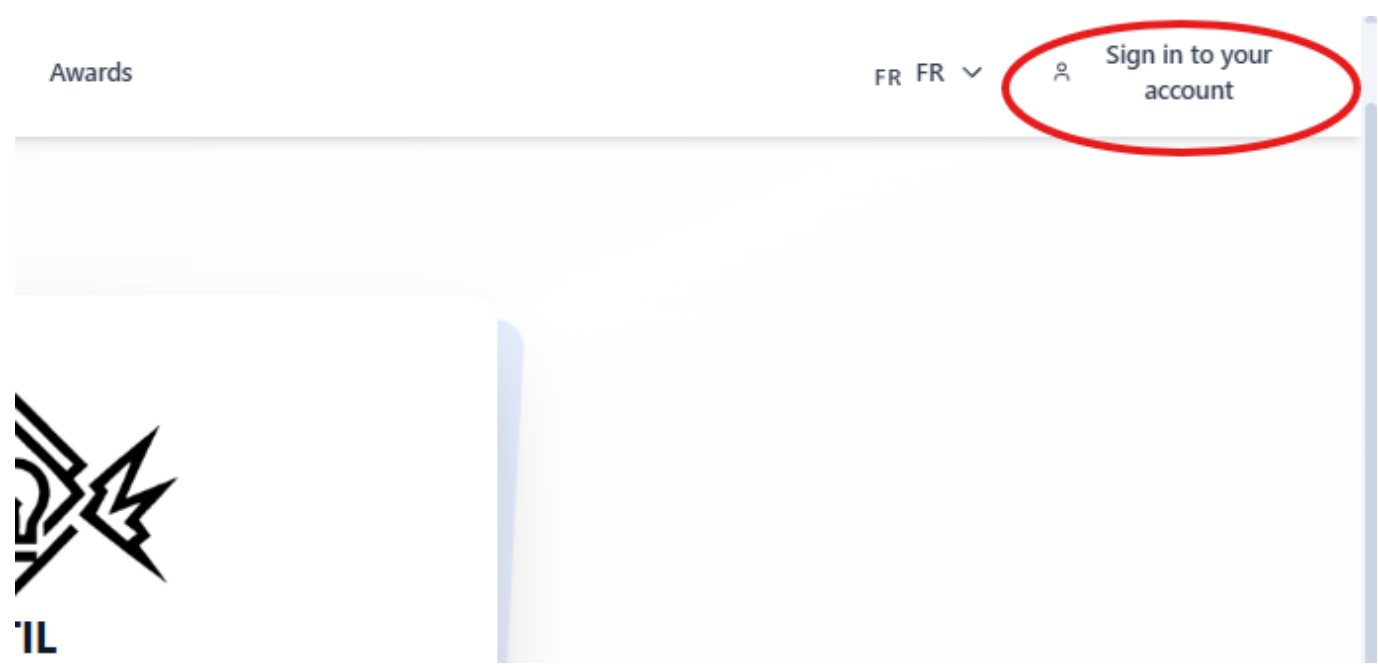
Language

You can change the language to **EN** or **FR** by selecting it in the top right corner.

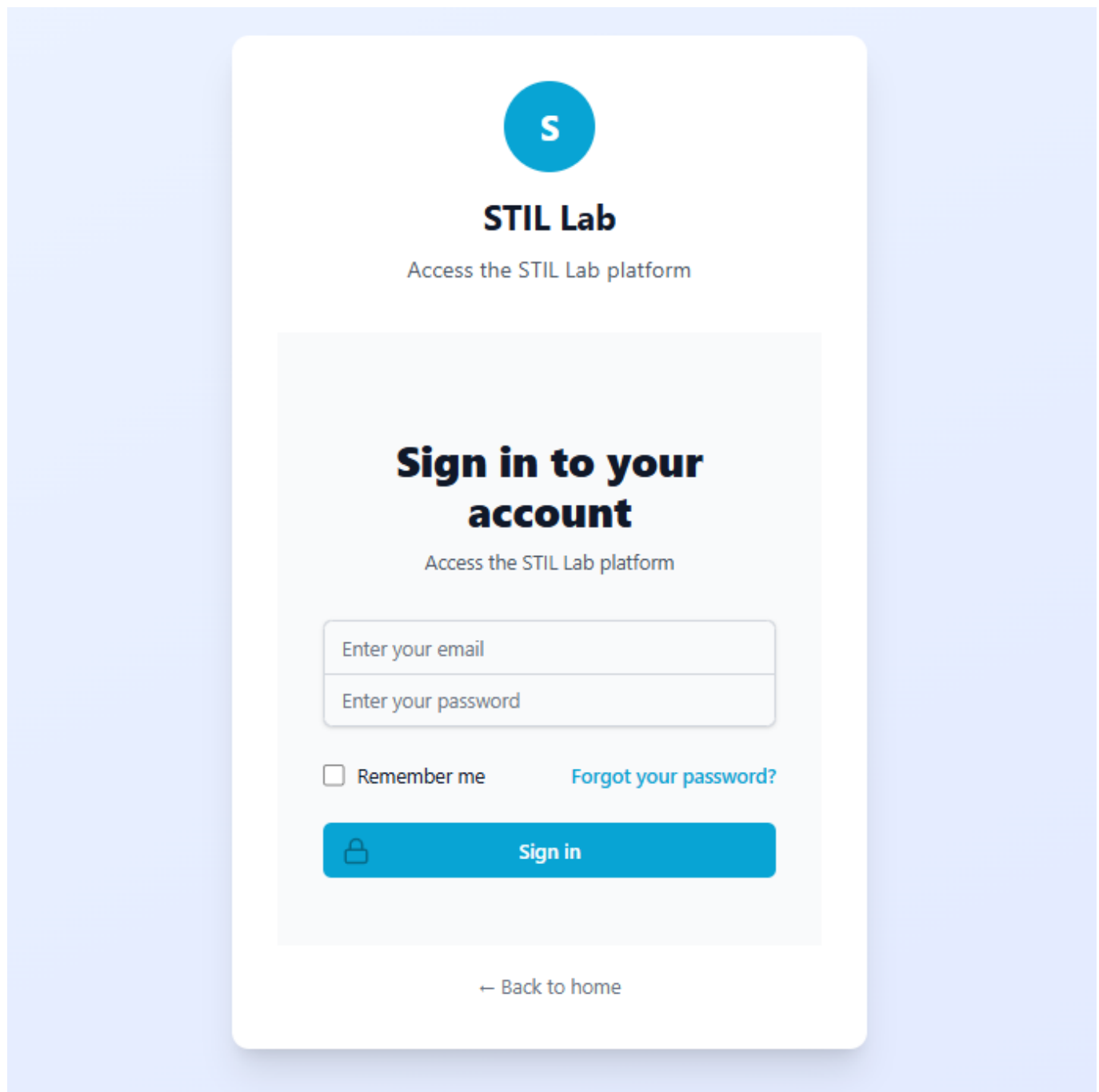


Login-Profile

If you are not already authenticated, you can by clicking on the sign in button found in the top right corner.




To authenticate yourself, provide your email and password in the form.





When authenticated, you can navigate to your profile. In this example, the user is an admin so there's more options, which can be found in the [Admin Guide](#)


VacanciesAwards

GB EN  dev dev ^


dev dev
8/8/2025, 2:12:35 PM


 Settings


 Logout


 Pending Invitations
0

dev dev
dev@example.com

 Dashboard

 Settings

 Admin

 Logout