

Site web
Linkeln
Chaine Canal U

<https://edtlab.fr/en/>
<https://www.linkedin.com/company/engineering-digital-twins/>
<https://www.canal-u.tv/chaines/edt/seminar-building-block>



Mailing List

Cross-cutting Activities

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AT1 - Community engagement and structuring

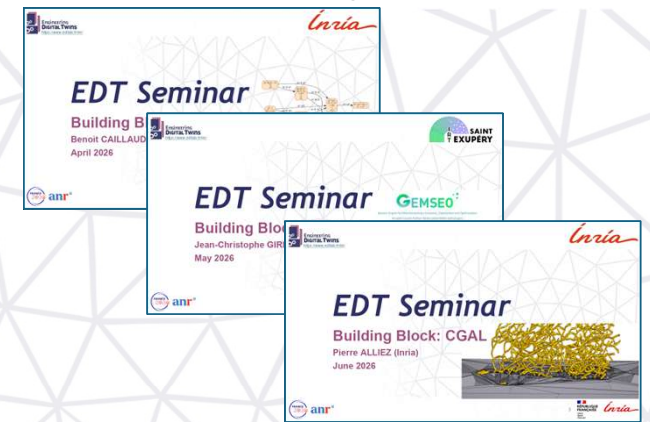
- **Objective:**

- Prog. Man. Office
- Build the EDT community

- **Key activities:**

- Weekly management meetings
- Programme's annual activity report delivery
- Regular webinars,
 - Building Blocks (every first Tuesday)
 - Use Cases, Scientifics results ...
- Annual programme workshops, hackathon, annual summer schools

Owner	Date	Ref	Kind	Name
AT1	12	D0.1.1	Document	Activity report Y1
AT1	24	D0.1.2	Document	Activity report Y2
AT1	36	D0.1.3	Document	Activity report Y3
AT1	48	D0.1.4	Document	Activity report Y4
AT1	60	D0.1.5	Document	Activity report Y5
AT1	72	D0.1.6	Document	Final activity report
AT1	9	D0.1.7	Data management plan	



Sept. the 2nd OpenFlexo
Oct. the 6th Corese

<https://www.canal-u.tv/chaines/edt/>

AT2 - Use cases and demonstrators

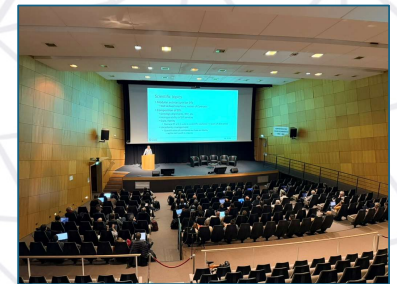
- **Objective:**

- Manage the use cases (UC) catalogue and demos

Owner	Date	Ref	Kind	Name
AT2	6	D0.2.1	Document	Use Cases catalog specification
AT2	24	D0.2.2	Software	Use Cases catalog v1.0
AT2	18	D0.2.3	Document	Demonstrators specification
AT2	42	D0.2.4	Software	Demonstrators v0.5
AT2	66	D0.2.5	Software	Demonstrators v1.0

- **Key activities:**

- Setting up and running an online portfolio of use cases
- Select end-to-end demonstrators to validate the integrated platform
- Setting up Use Case Provider(s) / Researcher(s) **working groups**
- Animate UC providers / academics events



UC workshop, Jan. 2026, Lyon

D0.2.1 - Use Case Catalogue Specification

- **Objective:**
 - Ground research in concrete DT cases
 - Support Artemis platform demonstrators
 - Illustrate diversity & shared foundations
- **Stakeholders:**
 - **Providers** - academics, tech centres, industry
 - **EDT researchers** - ground & validate work
 - **External researchers** - scientific resource
 - **Engineers** - design & deploy DTs



AT2 – D0.2.1

Use Cases Catalogue Specification

	When	Who	What
R0.1	18 June 2026	Guy DE SPIEGELEER	Drafting
	19 June 2026	Benoît COMBEMALE Guy DE SPIEGELEER	Update

Summary

This document specifies the public use-case portfolio of the EDT programme, a deliverable of cross-cutting action AT2. It defines its objectives, the stakeholders, the expected uses, the technical implementation choices and the state of progress. The portfolio is a living catalogue, available online, that lists the digital-twin use cases provided by the programme's community and feeds both the research work of the targeted projects and the development of demonstrators for the Artemis engineering platform.

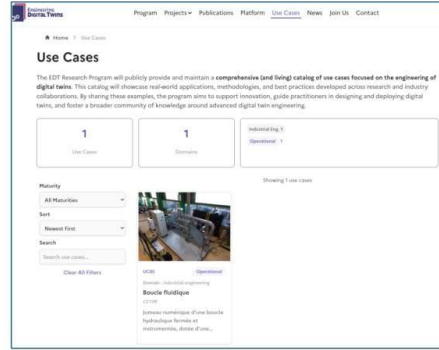


Fig. 1 – Home page of the use-case portfolio on the EDT programme website (<https://edtlab.fr/en/use-cases>)

This work was supported by the French government through the France 2030 programme, managed by the French National Research Agency (ANR), under grant reference ANR-25-APIN-0001. 1

Use Case Catalogue

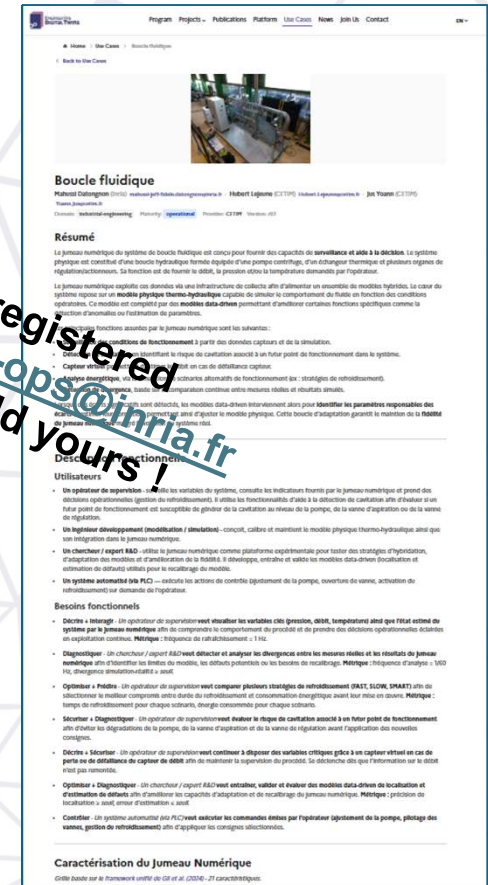
- Technical implementation:
 - Freely accessible online
 - Client-side multi-criteria filtering
- Version-controlled descriptions
- Permanent & non-permanent resources
- Standardized:
 - Technical description - *Gil et al. (2024)*
 - Scientific challenges - *Combemale et al. (2025)*

Gil et al.. Toward a systematic reporting framework for Digital Twins: a cooperative robotics case study,

<https://journals.sagepub.com/doi/10.1177/00375497241261406>

Benoît Combemale, Pascale Vicat-Blanc, Arnaud Blouin, Hind Bril El Haouzi, Jean-Michel Bruel, et al.. Engineering Digital Twins: A Research Roadmap. EDTconf 2025 - 2nd International Conference on Engineering Digital Twins, Oct 2025, Grand Rapids, Michigan, United States. pp.1-7. hal-05223776

3 use cases registered
please contact edt-ops@inria.fr
if you want to add yours!



<https://edtlab.fr/en/use-cases/>

AT5 - Dissemination, exploitation, standardisation, training

• Objective:

- Ensure the visibility and future exploitation of the community, the activities and the programme's results.

Owner	Date	Ref	Kind	Name
AT5	6	D0.5.1	Software	Website
AT5	12	D0.5.2	Document	Dissemination plan
AT5	18	D0.5.3	Document	Exploitation needs
AT5	66	D0.5.4	Document	Exploitation plan

• Key activities:

- Website, CanalU, LinkedIn
- Newsletters (internal and public)
- Structure and launch EDT clubs:
 - Standardization group (AIF and AFIS)
 - PhD Students Club -> soon
 - Associated Partners Club -> under construction



Mailing List



<https://edtlab.fr/en/>



<https://www.canal-u.tv/chaines/edt/>



<https://www.linkedin.com/company/engineering-digital-twins/>

PhD Students Club

- **Objective:**
 - Create a leading junior French scientific community on digital twins
- **Members:**
 - PhD students and post-docs from French institutions, working in engineering of DT **whether or not funded by EDT**
- The club provides privileged access to EDT scientific information and events
- **Activities:**
 - PhD student days, participation in use case working groups (AT2), summer schools (AT1)

Engineering Digital Twins

Program Projects Publications Platform Use Cases News Join Us Contact

EN

Home > PhD Students Club

PhD Students Club Membership application

To join the club, fill in the form below. Your application will be forwarded to the program team for review.

First name *

Last name *

Email address *

Firstname.lastname@institution.fr

Use the professional email address of your French host institution.

Institution *

University, laboratory or research center

Supervisor(s) *

First and last names of your supervisor(s)

Separate multiple supervisors with a comma.

Funding *

Select a funding type

In case of co-funding, select the main (majority) funder.

Funder name

Name of the funding body

Optional — specify the name of the funding body if applicable

Thesis description *

Briefly describe the thesis

Between 20 and 500 characters.

Why do you want to join the club? *

Explain how joining the club is relevant to your thesis and what you expect from it.

Between 20 and 500 characters.

Focused projects (PC)

☐ PC1 — Catalyst ☐ PC2 — DT Compose

☐ PC3 — TwinOps ☐ PC4 — Synchronic

☐ PC5 — Genuine

Optionally select the focused project(s) you relate to.

☐ I confirm that my supervisor(s) are aware of this application and have given their agreement.*

Read the charter

☐ I acknowledge that I have read the club charter and undertake to comply with it.*

Please read the charter first to enable this option.

☐ I agree to be added to the club mailing list.*

<https://edtlab.fr/en/phd-club>

Associate Partners Club

- **Why:**
 - Give access to EDT's momentum and outputs
 - Enrich the scientific roadmap through dialogue with users and practitioners
 - Foster new collaborations
- **How:**
 - Privileged access to EDT production, members, and targeted working groups
 - Working groups bring together users, researchers and PhD students around concrete challenges
- **Membership based on active commitment:**
 - Share a use case,
 - Co-fund a PhD,
 - Contribute to a building block
 - Active participation in Working Groups

