Tech Driven Innovation

Introduction of a new TECH2X course

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TECH DRIVEN INNOVATION (TDX)

• **Interdisciplinary, challenge-based course** focused on solving real-life innovation problems as a team

• Learning happens through an **experimental, prototype-driven process**

• Students **navigate the innovation process independently**

• Course goal: identify **disruptive applications and business models** based on emerging technologies from TH-MA labs

• **T2X starts with the technology**

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Roles

Who’s involved?

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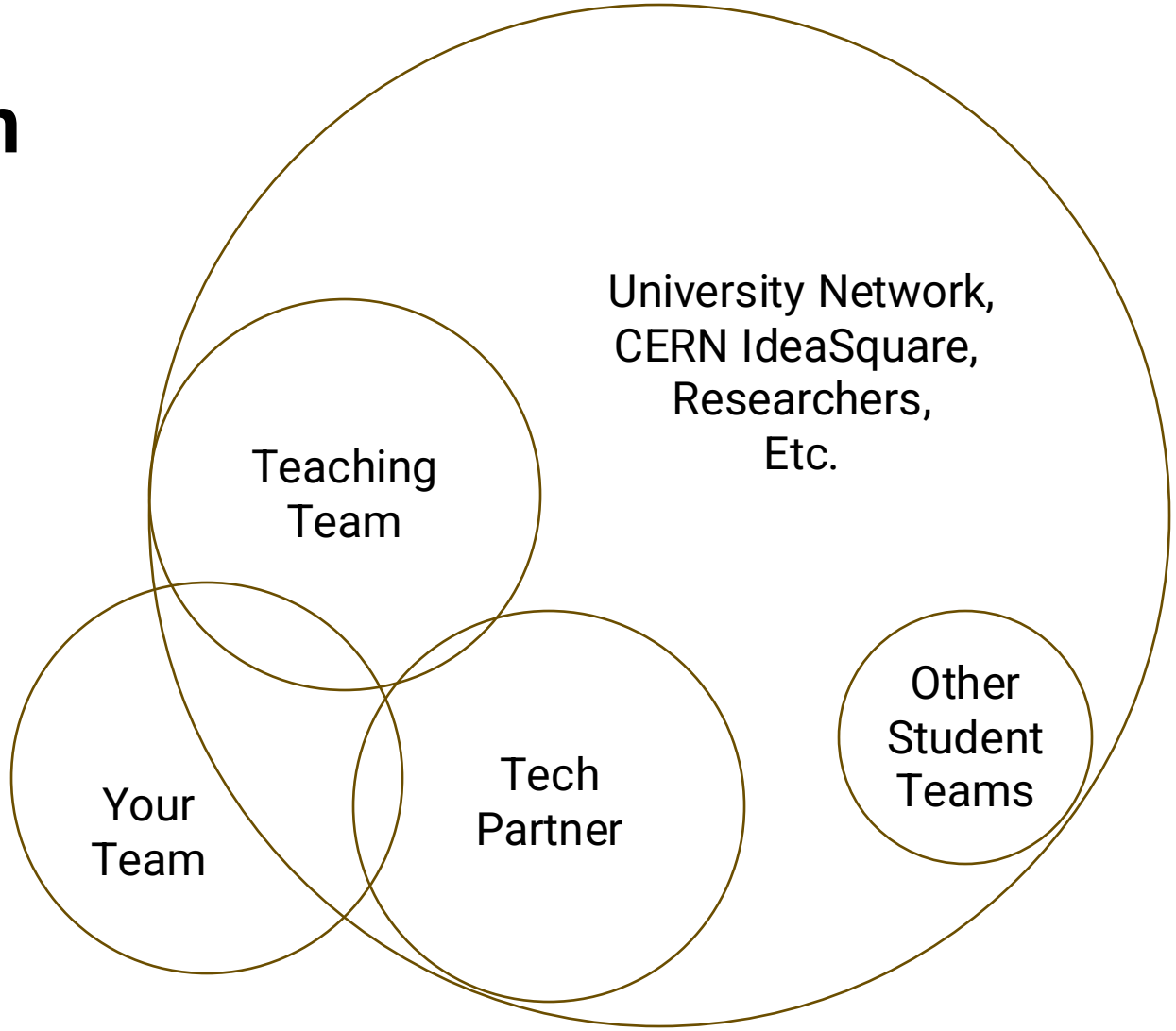
Learning Ecosystem



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The Actors

Interdisciplinary Students

Multidisciplinary teams (of 4-5 students) investigate, test and design new market applications of the assigned technology

Tech Partners

The founding research groups of the technology support the team of students who will work on it along the way

Teaching Team

Inno.space coaches, experts in the methodology, support adoption of the process and facilitate interaction between students and tech partners

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Teaching Team

Prof. Kirstin Kohler

Main Coordinator at inno.space
Professor in Computer Science

Chutimon Hnudee Espedal

Project Manager and Educator at inno.space

Manuel Walter

Educator and Prototyping Pro at inno.space

Katharina Salewski

Supporting T-Team member at inno.space

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Schedule

Timeline, Important Dates, etc.

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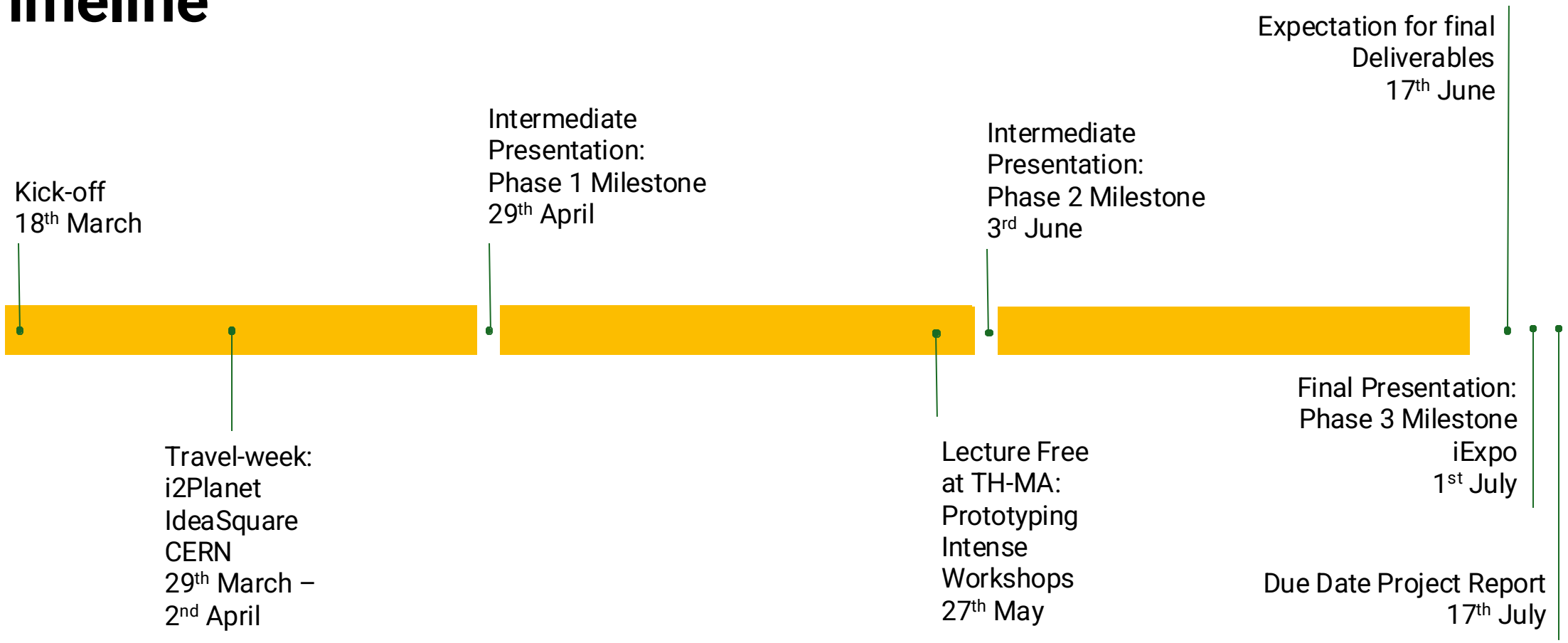
Timeline



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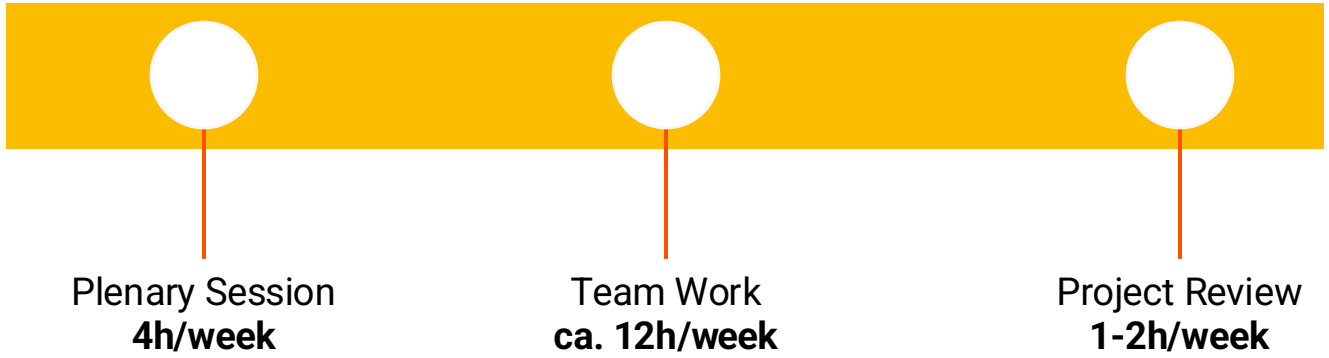
Students' Commitment

It is about 300 total hours, including 200 hours of project work
60 hours of lectures/coaching

Weekly



Monthly

Tech Partner Alignment
On demand – about 1h every 2 weeks

Presentation
Milestones and rehearsals

Deep Dive
CERN IdeaSquare Visit

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Pedagogy

Tech to Market Process

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Approach

- Experimentation driven
- The right problem first

-> the right solution follows

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Atmosphere, Aura & Energy

- Playful collaboration and group creativity
- Freedom to move beyond everyday organization
- A safe space for exploration

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How you will be evaluated

50%
Project Outcome

Deliverables demonstrating depth in the analysis and the solution

30%
Learning Journey

Engagement with the innovation process

20%
Participation

Active and constructive contribution and engagement with the material

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Spaces

In Person Collaboration

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inno.space for groupwork

maker.space for prototyping

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