Mission
Support digital transformation in Europe by developing entrepreneurial talent and technological innovations

5 Innovation Action Lines
• Digital Wellbeing
• Digital Industry
• Digital City
• Digital Infrastructure
• Digital finance

Pan-European Ecosystem
• 184 partners
• 9 nodes + silicon Valley Hub
• 14 European Locations
• Serving the whole of Europe through the ARISE program
EIT Digital
Driving Europe’s Digital Transformation

### Innovation & Entrepreneurship

**Innovation Action Lines**
- Incubation, market uptake and growth of European research results
- 5 innovation Action Line
- 50+ Innovation Activities per year
- 80 new products and services commercially launched every year
- 10+ startups created per year

### Entrepreneurial Education

**EIT Digital Academy**
- 3 schools delivering technical digital skills and entrepreneurial education at all stages of career
- Master School: two-year Masters program with 8 technical Majors and Minor in Innovation & Entrepreneurship
- Industrial Doctoral School: PhD program co-funded by Industry Partners
- Professional School: blended learning to keep European professionals at the forefront in today’s fast-paced digital
EIT Digital
Driving Europe’s Digital Transformation

Partners
Partnership with over 130 top European corporations, SMEs, start-ups, universities and research institutes.
EIT Digital
Driving Europe’s Digital Transformation

EIT DIGITAL FRENCH ECOSYSTEM: 31 FRENCH PARTNERS (36 EOY)

- 21 large corporations, SMEs, startups
- 4 clusters
- 4 research institutes
- 7 universities
CO-LOCATION CENTER
EIT DIGITAL IN RENNES
RENNES CLC

SUPPORTED BY A STRONG ECOSYSTEM

Hosted by IRISA

- One of the biggest lab in computer sciences in France
- +250 PHD Students
- 5 priority technological fields: Agro/agri, Health, Cyber security, Cloud and Digital Cities

In the Middle of ICT Cluster

- 6 CENTERS OF EXCELLENCE
- +350 COMPANIES & START-UPS
- 5200 IT STUDENTS
- 19 RESEARCH INSTITUTES
- 745 IT GRADUATES PER YEAR 10% FRANCE

A Hot Spot for I&E Education

- +400 Hours of I&E courses
- Pedagogical Innovation
- Content Development

A unified CLC right in to the scientific campus in a new building
### RENNES CLC

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A COMPLETE OFFER TO FOSTER INNOVATION

EDUCATION

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Cyber Security
Cloud Computing and Services
Summer School

Doctoral School
Raising awareness (RA)
Business modeling and development (BMD)
Opportunity recognition (OR)

Innovation programs
Innovation activities
In link with local pre-incubators

Accelerator
BDA

Events
CLC Meet up
Coffee Tic
Joint events

CLC
Alvaro Pina Stranger / CLC Manager
Caroline Tanguy / Event Assistant
Martine Lemercier Assistant

Education
Pierre Alain Fouque / CCS Program Coordinator
Mohamet Sabat / CCS Program Coordinator
Guillaume Pierre / CCS Program Coordinator
Shadi Brahmi / CCS Program Coordinator
Ana Maria Falconi / Education Development
Valentin Gérard / Education Development
Yvonnick David / DS Lead
Frederic Renouard / Overall I&E Coordinator

Research
My Car Lot / Innovation Activity
– Leader, Maxime Bricet, + 5
DriveTrust / Innovation Activity
– Leader, Roman Prytkov, +1

Business
François Morin / BDA

RESEARCH

BUSINESS

TOTAL | 77 PEOPLE

STAFF
12

INNOVATION ACTIVITES
9

PHD
14
2018
5 graduates

MASTER SCHOOL
42
29 | CCS
13 | CSE
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</tr>
<tr>
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#### 2018 SUMMER SCHOOL

**DIGITAL CITIES**

Students
- 2018: 11
- Contributers: 38
- Recruited locally

#### INNOVATION ACTIVITIES

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EIT DIGITAL RENNES: OUR SPIRIT

Missions

- CREATE OPPORTUNITIES
- IDENTIFY TALENTS
- DEVELOP & MAINTAIN A COLLABORATIVE SPACE

THE WHOLE IS MORE THAN THE SUM OF THE ELEMENTS

Innovation Activities

Pre-incubation

In Cube

Summer School

Master School 2

Doctoral School

Innovation

Education

BMD

GH

OR

Master School 2
INDUSTRIAL DOCTORAL SCHOOL
Industry value proposition

Talent harvesting
- Co-selection of top talent doctoral student
- Full view of all doctoral students

Pursuing industry research - innovation goals
- Co-development of the research landscape

Knowledge transfer
- Steering the creation of “usable” knowledge
- Co-investment in generating a startup
- Linking to broad research ecosystem
- Continuous education for companies employees

Access to co-funding
- Leverage EIT Digital access to funding

Program duration
- 3 to 4 years depending on the location chosen

Cost
- Anticipated cost per PhD student is approx 50K€ per year (EIT Digital will contribute max 50% per year. Industry cost to cover the rest

Execution
- PhD works at CLC/Satellite
- Temporary short stays at industry premises as needed
- Temporary short stays at university as needed (e.g. for courses)
Student value proposition

Be a change driver for industry

- Research on advanced topics of industry relevance
- Connect and influence a broad ecosystem to turn your ideas into impactful actions

Bootstrap your business future

- Look for technology transfer
- Create your own start up

Be part of a thriving community

- Connected to industry environment
- Connected to academia research environment
- Connected to EIT Digital Innovation Activities
- Work as a team player in the EIT Digital Doctoral School at CLCs
IDSL Program

- Industry driven, focussing on innovation fostering Digital Transformation
- European roots open to the world, experienced as context, engaged in an industrial/biz environment through an Industrial tutor
- Continuous tutoring from University and Industry in the 3/4 years doctorate, working at several innovation hubs, in academia, industry, marketplace
- Make ideas concrete incubating them in an industry environment, opportunity to “make it happen” through tech transfer, start up creation
- Connection to EIT Digital Innovation Activities is a boost
  - injection of forward looking ideas
  - feedback from the marketplace
  - Strong Match with the EIT Digital Strategic Innovation Agenda
IDSL Themes Map

**Digital Finance, focus on:**
- FUTURE OF RETAIL BANKING
  - Improving customer relationships
  - Cashless Society
  - Micropayments
- MODERNISE CORPORATE BANKING AND INSURANCE TECH
  - P2P risk distribution
  - Digitalisation of equity capital markets
  - Cybersecurity, blockchain
- DIGITALISE WEALTH ASSESS MANAGEMENT
  - AI and ML for investment decisions

**Digital Wellbeing, focus on:**
- BEHAVIORAL CHANGES
  - Increase personal awareness through sensors, wearables, data analyses
  - Assessing economic impact of healthier lifestyle
- SUPPORT TO CHRONIC AILMENTS
  - Early depression signs detection
  - Support to cancer treatment, improving quality of life
  - Address autism's syndrome from early detection to early stage therapy to supportive therapy through lifetime
IDSL Themes

Digital Cities, focus on:

- ENABLERS
  - City modelling and virtualization for simulation and service creation
  - Data Infrastructure
  - Autonomous Systems Interplay
  - Improving citizens awareness

- VERTICALS
  - Autonomous vehicles
  - Use of mobility beyond people transport. Mobility as a service
  - Integrating IoT and Transportation

Digital Infrastructures, focus on:

- LAYER 1-4
  - Exploitation of abundant capacity through wireless drops
  - Softwarization of resources (SDN/NFV)
  - Transformation of the Edge with IoT

- LAYER 5-7
  - Distributed real time processing and mgt, islands of Clouds in line with European reqs on Security, Privacy, Accountability
  - Segmentation of Clouds into virtual spaces to support vertical application domains
  - Pursuance of a European recognised identity applying to any entity, providing a standard for development of services in distributed loosely coupled environments

Digital Industry, focus on:

- PRODUCTION SIDE
  - Data Driven Solutions
  - Factory floor solutions with focus on predictive maintenance
  - Circular economy and waste management

- RETAIL SIDE
  - Customer insight understanding
  - Product customisation at the retail point
  - Product service customisation through the end usage
  - On-line shopping and automatic offer portfolio
• EIT Digital website: https://www.eitdigital.eu

• Doctoral School website: https://www.eitdigital.eu/eit-digital-academy/doctoral-school/

• Alvaro Pina Stranger: alvaro.pina-stranger@eitdigital.eu