Welcome DS4H Students!
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00</td>
<td>Sanitary instructions&lt;br&gt;What is DS4H? (J. Montagnat)&lt;br&gt;DS4H Masters training offer (A.L. Simonelli)</td>
</tr>
<tr>
<td>9h30</td>
<td>Presentation of each Master by its responsible</td>
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<tr>
<td>10h00</td>
<td>DS4H ADAMS, Association of Doctoral and Master students</td>
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<tr>
<td>10h20</td>
<td>Learning Centre (Justine Portelli &amp; Coralie Viguié)&lt;br&gt;Link platform (Thierry Gibert)&lt;br&gt;Tut’top (Gilles Bernot for S. Mériaux)&lt;br&gt;Service Santé Universitaire – SSU (C. Carbonell &amp; J. Chevalier)</td>
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<tr>
<td>11h00</td>
<td>Specific session to each master</td>
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<tr>
<td>12h30</td>
<td>Lunch break</td>
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<tr>
<td>13h30</td>
<td>DS4H Research Projects’ pitch</td>
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<tr>
<td>14h00</td>
<td>Have a chat with projects’ responsible</td>
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<tr>
<td>14h30</td>
<td>HIC projects presentation (M. Marti)</td>
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<tr>
<td>14h45</td>
<td>SUGAR Projects INVENT (S. Marchini)</td>
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<tr>
<td>15h00</td>
<td>DS4H minors’ presentation</td>
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<tr>
<td>16h30</td>
<td>Have a chat with minors’ responsible</td>
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<tr>
<td>17h00</td>
<td>Registration procedures (V. Valot)&lt;br&gt;Questions of scolarity – Student Affairs (C. Puelo)</td>
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<tr>
<td>17h30</td>
<td>End of the day</td>
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</tbody>
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9h00-9h30
Sanitary instructions
What is DS4H?
Structure of the DS4H Masters training offer
Do yourself a favour
Do others a favour
This is a shared responsibility
What is DS4H?

Johan Montagnat, Director
What is a Graduate School?

University

French Education System

European Education System

What is a Graduate School?

- Master (Licence) Level (3 years)
- Bachelor Level (3 years)
- PhD Level (8 years)

- Technician
- Project manager
- Engineer
- Researcher
- Teacher

- M1
- M2
- M3
- D1
- D2
- D3
- L1
- L2
- L3

- Preparatory classes
- Bachelor of Technology (IUT -> BUT)
- Engineering schools

Ecole Universitaire de Recherche (Graduate School)
Why Digital Systems for Humans (DS4H)?

Facing the challenges of the Digital World

• Information Science & Technology
  electronics, networks, distributed systems, machine learning, Big Data...
• Society
  usages, law, confidentiality, acceptability, ethics, security, trust...

Digitals everywhere

• Digital life, digital jobs
• Globalization
• Climate change challenge
What are the digital technologies you discovered last years?

- Digital vaccination certificate
- Certificate validation application
- Remote medicine
- E-services (plenty of them!)
- Voting machines
- E-book renting
- AI agents (plenty of them!)
- Car driving assistant
- Contactless payment
- New business models (plenty of them!)
- Recommendation services
- Information feeds
- Cloud services
- Social networks
- Quantum computing
- Cryptomoney
- Facial recognition
- Smart devices
- Cyber attack
- GDPR / ethical regulations
- ...
Largest European Science Park

+ 2200 companies
4000 researchers
5500 students

Information and networking technologies
Artificial intelligence
Health, chemistry, biotechnologies
Smart city
Autonomous vehicles
Graduate School for You

- **Laboratories**
  - RESEARCH

- **Master / PhD Student**

- **Companies**
  - APPRENTICESHIP
  - INNOVATION

- **Education**
  - MASTERS
  - PHD
Pedagogy Guidelines

New skills development
High degree of specialization
Multidisciplinary opening
Soft skills: co-working, agility, autonomy, interdisciplinarity, communication...

Early professional integration
In laboratory: Master to PhD continuity
In company
Innovation projects

Autonomy and Self-initiative
Individualized curricula
Training actor
• Everything is on the Net
• Read it
• Understand it
• Get inspired
• Enrich it

...but do not copy it
...do not author it!

Plagiarism or cheating are severe offenses that can lead to student exclusion.
You have a bright future ahead

Make us a favour: surprise us!

Very high employment rate in all DS4H Masters

- Software engineering, cloudification, data analysis, databases, digital transformation of businesses, law of digital objects, IT specialist-manager...

- Very fast evolution in DS4H domains
  - AI is raging in all businesses
  - Quantum computing is getting near
  - Sustainable IT is still to be invented (really really fast)
  - Computer and network security becomes a major concern
  - Modeling and simulation in all domains
  - (Serious) games in creative industry
  - Ergonomics and user behavior in an ever changing digital environment
  - Education of digitals / digitals in education...

Take your chance – use all opportunities offered to you