## Program

### Morning

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9h00-9h15</td>
<td>Introduction</td>
</tr>
<tr>
<td>9h15-9h30</td>
<td>DS4H Masters Training Offer</td>
</tr>
<tr>
<td>9h30-10h00</td>
<td>Presentation of each DS4H “core” Masters</td>
</tr>
<tr>
<td>10h00-10h15</td>
<td>Registration Procedures</td>
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<td>Student Affairs</td>
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<tr>
<td>10h15-10h30</td>
<td>ADAMS, DS4H Students’ Association</td>
</tr>
<tr>
<td>10h30-11h00</td>
<td>Student life – University Services for You</td>
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<tr>
<td>11h00-12h30</td>
<td>Specific session to each Master</td>
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<tr>
<td></td>
<td>Parallel sessions</td>
</tr>
<tr>
<td>12h30-13h30</td>
<td>Lunch Break (go &amp; visit our stands!)</td>
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</tbody>
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### Afternoon

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>13h30-14h15</td>
<td>DS4H Research Projects’ pitches &amp; discussions</td>
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<tr>
<td>14h15-14h45</td>
<td>DS4H HIC Creativity Projects’ pitches &amp; discussions</td>
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<tr>
<td>14h45-15h00</td>
<td>ADAMS Quiz (prizes to win)</td>
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<tr>
<td>15h00-16h40</td>
<td>DS4H 16 minors' pitches</td>
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<tr>
<td>16h40-17h15</td>
<td>Meet DS4H minors’ coordinators</td>
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<tr>
<td></td>
<td>Parallel sessions</td>
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<tr>
<td>17h30</td>
<td>End of the day</td>
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9h00-9h15
Introduction

Johan Montagnat, Director
What is a Graduate School?

University

Research

PhD Level (8 years)
- Researcher
- Teacher

Master Level (5 years)
- Engineer
- Project manager

Bachelor Level (3 years)
- Technician

Ecole Universitaire de Recherche (Graduate School)

European Education System

French Education System

DOCTORAT (PhD)

MASTER

LICENCE (Bachelor)

Engineering schools

Preparatory classes

Bachelor of Technology (IUT -> BUT)

Baccalauréat
Digital Systems and Humans

Facing the challenges of the Digital World

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

Digitals everywhere

- Digital life, digital jobs
- Globalization
- Climate change challenge
Digitals Everywhere

FlightRadar24 / Le Monde

• Data
  • Registry of planes registered in France
  • FlightRadar24 plane courses

• Processing
  • Private jets identification : EU segmentation
  • 4 CO2 emissions simulators data
    Private jets : EU
    Regular planes : ADEME (FR)
    Trains : SNCF (FR)
    Cars : ADEME (FR)
  • Infographics
  • Web editing
  • Customer identification
  • ...

Les trajets en jet privé les plus fréquents en France et les alternatives (beaucoup moins polluantes) en train ou en voiture
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

- RESEARCH
- Laboratories
- Master / PhD Student
- Education
- MASTERS PHD
- Companies
- APPRENTICESHIP INNOVATION
New skills development
Multidisciplinarity
Soft skills

Professional integration
In laboratory
In company
Innovation

Autonomy
Self-initiative
Individualized curricula
Elections du Conseil Scientifique et Pédagogique (CoSP) DS4H les 16 et 17 novembre

Faites entendre la voix des étudiants !

Candidatures jusqu’au 8 nov.
Plagiarism / cheating is prohibited!

- 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, AI & 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
- Sustainable IT has become a key issue
- Computer and network security became a major concern
- Modelling and simulation in all domains
- (Serious) games in creative industry
- Ergonomics and user behaviour in an ever-changing digital environment
- Education of digital / digital in education
- Quantum computing is getting near...

Take your chance – use all opportunities offered to you
Use all opportunities

Newsletters

Seminars
  Forum Numerica
  Industry Seminar

Social networks
  @EUR_DS4H
  DS4Hnews
  DS4H
  ...and on link

http://ds4h.univ-cotedazur.eu  ds4h-contact@univ-cotedazur.fr