

M2 - Mechatronics, machine vision and artificial intelligence



Présentation

[Consulter la page du Master 2 sur le site de l'université Paris-Saclay](#)

Programme

Semestre 3 choix

1 option(s) au choix parmi 2

Parcours Machine vision

- Advances in Machine Vision 3 ECTS
- Choix 5

1 option(s) au choix parmi 6

- Virtual and mixed reality 3 ECTS
- Image and video Proces. 3 ECTS
- Computer vision state of the art 3 ECTS
- Computer vision for non conventional cameras 3 ECTS
- Reinforcement learning 3 ECTS
- 3D data analysis 3 ECTS
- International keynote speaker 1 ECTS
- Strategy & Business Development 1.5 ECTS
- FLE 1.5 ECTS
- Choix

1 option(s) au choix parmi 6

- Virtual and mixed reality 3 ECTS
- Image and video Proces. 3 ECTS
- Computer vision state of the art 3 ECTS
- Computer vision for non conventional cameras 3 ECTS
- Reinforcement learning 3 ECTS
- 3D data analysis 3 ECTS
- Choix 2

1 option(s) au choix parmi 6

- Virtual and mixed reality 3 ECTS
- Image and video Proces. 3 ECTS
- Computer vision state of the art 3 ECTS
- Computer vision for non conventional cameras 3 ECTS
- Reinforcement learning 3 ECTS
- 3D data analysis 3 ECTS
- Choix 3

1 option(s) au choix parmi 6

- Virtual and mixed reality 3 ECTS
- Image and video Proces. 3 ECTS
- Computer vision state of the art 3 ECTS
- Computer vision for non conventional cameras 3 ECTS

- Reinforcement learning 3 ECTS
- 3D data analysis 3 ECTS
- Machine learning 3 ECTS
- Research project 5 ECTS
- Choix 4

1 option(s) au choix parmi 6

- Virtual and mixed reality 3 ECTS
- Image and video Proces. 3 ECTS
- Computer vision state of the art 3 ECTS
- Computer vision for non conventional cameras 3 ECTS
- Reinforcement learning 3 ECTS
- 3D data analysis 3 ECTS

Bloc parcours Mecatronics

- Advances in mecatronic systems 3 ECTS
- Modeling of parallel manipulators 3 ECTS
- Choix 4

1 option(s) au choix parmi 7

- Biororotics 3 ECTS
- Advanced control systems 3 ECTS
- Programation 3 ECTS
- Robotic Systems Architect 3 ECTS
- Instrumentation electronics 3 ECTS
- MEMS-NANO 3 ECTS
- Adaptive Assistance and control 3 ECTS
- Choix 3

1 option(s) au choix parmi 7

- Biororotics 3 ECTS
- Advanced control systems 3 ECTS
- Programation 3 ECTS
- Robotic Systems Architect 3 ECTS
- Instrumentation electronics 3 ECTS
- MEMS-NANO 3 ECTS
- Adaptive Assistance and control 3 ECTS
- International keynote speaker 1 ECTS
- Strategy & Business Development 1.5 ECTS
- Choix 5

1 option(s) au choix parmi 7

- Biororotics 3 ECTS
- Advanced control systems 3 ECTS
- Programation 3 ECTS
- Robotic Systems Architect 3 ECTS
- Instrumentation electronics 3 ECTS
- MEMS-NANO 3 ECTS
- Adaptive Assistance and control 3 ECTS
- FLE 1.5 ECTS
- Choix

1 option(s) au choix parmi 7

- Biororotics 3 ECTS
- Advanced control systems 3 ECTS
- Programation 3 ECTS

- Robotic Systems Architect	3 ECTS
- Instrumentation electronics	3 ECTS
- MEMS-NANO	3 ECTS
- Adaptive Assistance and control	3 ECTS
- Research project	5 ECTS
- Choix 2	
1 option(s) au choix parmi 7	
- Biorobotics	3 ECTS
- Advanced control systems	3 ECTS
- Programming	3 ECTS
- Robotic Systems Architect	3 ECTS
- Instrumentation electronics	3 ECTS
- MEMS-NANO	3 ECTS
- Adaptive Assistance and control	3 ECTS

Semestre 4

Bloc S2

- Internship	30 ECTS
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