

Programme Title	Mobility Type	Mobility Level	Subject Code	Description	Start Date	Duration	Prerequisites	Programme Contact Person	Programme Contact Person Email	Language
Internal combustion engines	Degree seeking	Doctorate	06.1	The Phd study consists in experimentally testing various fuels and compression ignition combustion modes dual fuel diffusive or premixed regarding engine efficiency and pollutant emissions	By 31/12/2014	36	Master of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Civil Engineering	Degree seeking	Doctorate	06.4	Multi-scale modelling of concrete damage	By 31/12/2014	36	Master M2 civil or mechanical engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Civil Engineering	Exchange Mobility	Post Doctorate	06.4	Multi-scale modelling of concrete damage	By 31/12/2014	6	PhD civil or mechanical engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Civil Engineering	Exchange Mobility	Post Doctorate	06.4	Multi-scale modelling of concrete damage	By 31/12/2014	10	PhD civil or mechanical engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Civil Engineering	Exchange Mobility	Doctorate	06.4	utilization of recycled Agregates in the concrete stuctures	By 31/12/2014	18	Master in civil or mechanical engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Civil Engineering	Exchange Mobility	Staff	06.4	Develop reserach collaborations in the civil engineering filed related to reserach themes studied in the GeM laboratory	Anytime during the lifetime of the project but no later than 14/6/17	1	PhD civil engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Video-GIS registration for 3D GIS updating	Degree seeking	Doctorate	11.3	GIS are databases that include a spatial component i.e. that describe the location associated to a data item. A data item can be linked to geometric features such as a point a polygon or even a 3D object such as a building. GIS are intensively used for urban and landscape management. They need various kinds of data including 2D and 3D data for natural phenomenon simulation spatio-temporal data representation at different scales geometric visual representations. In this project we focus on 3D spatial data mainly in urban context and we try to address the 3G GIS construction and updating problem using ground-based videos. Mobile tools are extensively used to determine the position of their users not only based on dedicated embedded device like GPS but also by using embedded cameras and their computation capacity. They allow thinking of real-time superimposition of 3D GIS data on video images a technique known as outdoor augmented reality. The main challenge of augmented reality especially on smartphones with limited CPU and memory is pose computation i.e. the computation of both the position and the orientation of the smartphone with enough precision and low latency. The goal of this PhD is make significant improvement in the camera computation pose problem in urban environments making use of existing data urban GIS . Applications are twofold. First if real-time pose computation is achieved urban augmented reality will be made possible on mobile devices allowing people to see urban data on site including simulation data such as energy consumption of buildings or underground pipes . Second with or without real-time being able to register a video to an urban database will enhance the process of 3D building extraction for enriching and/or updating 3D GIS.	By 31/12/2014	36	Master of Science	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	By 31/12/2014	6	Master of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	By 31/12/2014	10	Master of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	By 31/12/2014	18	Master of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French

Programme Title	Mobility Type	Mobility Level	Subject Code	Description	Start Date	Duration	Prerequisites	Programme Contact Person	Programme Contact Person Email	Language
Mechanical Engineering	Degree seeking	Doctorate	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	By 31/12/2014	36	Master of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Post Doctorate	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	By 31/12/2014	6	PhD of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Post Doctorate	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	By 31/12/2014	10	PhD of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Staff	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	Anytime during the lifetime of the project but no later than 14/6/17	1	Master of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Staff	06.1	The main research contribution of the team is to optimise and integrate design processes of products and manufacturing systems. Our approach is to develop general methods in the context of multidisciplinary application fields. These methods are inspired from industrial case studies and are often validated on site. These elements are either related to the model used for the design or to the temporal aspect of the design process. Two research axis are developed : a transversal approach related to the organisation the cooperation of skills of the actors of the design and a vertical approach related to the developments of techniques for a particular field of expertise. Keywords Decision making Engineering and collaborative Design Concurrent multidisciplinary optimization Engineering Product and Process Optimisation Virtual Reality Digital Mock-up.	Anytime during the lifetime of the project but no later than 14/6/17	2	Master of Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Manufacturing Sciences	Exchange Mobility	Staff	06.6	Functionnal Gradient Materials for manufacturing	Anytime during the lifetime of the project but no later than 14/6/17	2	PhD	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Degree seeking	Doctorate	06.1	Friction Stir Welding and Processing	By 31/12/2014	36	Master degree in Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Automatic Engineering Robotics Control and Applied Informatics	Degree seeking	Master	06.9	This master contains three specialities Advanced Robotics- Automatic Signal processing and Images- and real time steering and supervision	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Automatic Engineering Robotics Control and Applied Informatics	Exchange Mobility	Master	06.9	This master contains three specialities Advanced Robotics- Automatic Signal processing and Images- and real time steering and supervision	01/09/2014	10	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English

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Programme Title	Mobility Type	Mobility Level	Subject Code	Description	Start Date	Duration	Prerequisites	Programme Contact Person	Programme Contact Person Email	Language
Automatic Engineering Robotics Control and Applied Informatics	Exchange Mobility	Staff	06.1	Teaching and research work for master students. This master contains three specialities Advanced Robotics- Automatic Signal processing and Images- and real time steering and supervision	Anytime during the lifetime of the project but no later than 14/6/17	1	Professors	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Manufacturing Sciences	Degree seeking	Doctorate	06.6	Friction Stir Welding and Processing	By 31/12/2014	36	Master degree in Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Degree seeking	Doctorate	06.7	Friction Stir Welding and Processing	By 31/12/2014	36	Master degree in Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	10	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Automatic Engineering Robotics Control and Applied Informatics	Exchange Mobility	Master	06.9	This master contains three specialities Advanced Robotics- Automatic Signal processing and Images- and real time steering and supervision	01/09/2014	6	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Civil Engineering	Degree seeking	Master	06.4	The Master of Civil Engineering aims to develop scientific and technological knowledge on materials and structures. It is characterized by a high degree of scientific specialization. The programme focuses on the following areas: continuum mechanics fluid mechanics mechanical design technology engineering materials experimental and numerical methods constitutive modelling durability of structures structural reliability modern concrete geotechnical engineering and earthquake engineering.	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Civil Engineering	Exchange Mobility	Master	06.4	The Master of Civil Engineering aims to develop scientific and technological knowledge on materials and structures. It is characterized by a high degree of scientific specialization. The programme focuses on the following areas: continuum mechanics fluid mechanics mechanical design technology engineering materials experimental and numerical methods constitutive modelling durability of structures structural reliability modern concrete geotechnical engineering and earthquake engineering.	01/09/2014	10	Bachelor civil engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Civil Engineering	Exchange Mobility	Master	06.4	The 2nd year of Master of Civil Engineering aims to develop scientific and technological knowledge on materials and structures. It is characterized by a high degree of scientific specialization. The programme focuses on the following areas: Experimental and numerical methods constitutive modelling durability of structures structural reliability modern concrete geotechnical engineering and earthquake engineering.	01/09/2014	10	Master M1 civil engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	18	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Degree seeking	Doctorate	06.1	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	36	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Electrical Engineering	Exchange Mobility	Doctorate	06.2	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	6	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Post Doctorate	06.1	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	6	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Electrical Engineering	Exchange Mobility	Post Doctorate	06.2	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	10	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Electrical Engineering	Exchange Mobility	Doctorate	06.2	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	18	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Electrical Engineering	Degree seeking	Doctorate	06.2	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	36	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Informatics Computer Science	Exchange Mobility	Post Doctorate	11.3	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	6	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Informatics Computer Science	Exchange Mobility	Doctorate	11.3	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	10	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Informatics Computer Science	Exchange Mobility	Doctorate	11.3	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	18	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Informatics Computer Science	Degree seeking	Doctorate	11.3	Robotics design control identification modeling industrial robotics bio-robotics humanoid robots mobile robots parallel robots	By 31/12/2014	36	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Meteorology/ Turbulence modeling in the coastal zone	Exchange Mobility	Doctorate	07.7	The project consists of upgrading the high resolution atmospheric code ARPS for the near-surface maritime environment and of assessing the impact of sea state and thermal stratification on the local turbulence characteristics.	By 31/12/2014	18	Master of Science	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Meteorology/ Turbulence modeling in the coastal zone	Degree seeking	Doctorate	07.7	The project consists of upgrading the high resolution atmospheric code ARPS for the near-surface maritime environment and of assessing the impact of sea state and thermal stratification on the local turbulence characteristics.	By 31/12/2014	36	Master of Science	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Meteorology/ Turbulent structures in atmospheric boundary layers over urban canopies: Large-Eddy Simulations with a drag-force model and wind tunnel experiments	Exchange Mobility	Doctorate	07.7	The goal of this study is to assess the ability of Large-Eddy Simulations using a drag-force model to reproduce the dynamics of the turbulent structures present in atmospheric boundary layers over urban canopies. This will rely on comparisons between simulations and wind tunnel experiments and the development of analysis tools.	By 31/12/2014	10	Master of Science	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French

École Centrale de Nantes, France

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Civil Engineering	Exchange Mobility	Master	06.4	The 2nd year of Master of Civil Engineering aims to develop scientific and technological knowledge on materials and structures. It is characterized by a high degree of scientific specialization. The programme focuses on the following areas: Experimental and numerical methods constitutive modelling durability of structures structural reliability modern concrete geotechnical engineering and earthquake engineering.	01/09/2014	6	Bachelor in civil engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Automatic Engineering Robotics Control and Applied Informatics	Exchange Mobility	Staff	06.2	Teaching and research work for master students. This master contains three specialities Advanced Robotics- Automatic Signal processing and Images- and real time steering and supervision	Anytime during the lifetime of the project but no later than 14/6/17	2	Professors	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Automatic Engineering Robotics Control and Applied Informatics	Exchange Mobility	Staff	11.3	This master contains three specialities Advanced Robotics- Automatic Signal processing and Images- and real time steering and supervision	Anytime during the lifetime of the project but no later than 14/6/17	2	Professors	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	Robotics/Mannequin Simulation ergonomy for industrial application/muscle fatigue modelisation	By 31/12/2014	18	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Degree seeking	Doctorate	06.1	Robotics/Mannequin Simulation ergonomy for industrial application/muscle fatigue modelisation	By 31/12/2014	36	Master degree	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Meteorology/ Turbulent structures in atmospheric boundary layers over urban canopies: Large-Eddy Simulations with a drag-force model and wind tunnel experiments	Degree seeking	Doctorate	07.7	The goal of this study is to assess the ability of Large-Eddy Simulations using a drag-force model to reproduce the dynamics of the turbulent structures present in atmospheric boundary layers over urban canopies. This will rely on comparisons between simulations and wind tunnel experiments and the development of analysis tools.	By 31/12/2014	36	Master of Science	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Manufacturing Sciences	Exchange Mobility	Staff	06.6	Magnetic pulse welding/ Friction welding linear and rotary / Friction stir welding	Anytime during the lifetime of the project but no later than 14/6/17	2	PhD	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Staff	06.7	Magnetic pulse welding/ Friction welding linear and rotary / Friction stir welding	Anytime during the lifetime of the project but no later than 14/6/17	1	PhD	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Staff	06.7	Functionnal Gradient Materials	Anytime during the lifetime of the project but no later than 14/6/17	1	PhD	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering/ Modelisation of additive laser deposition	Degree seeking	Doctorate	06.1	The aim of this study is the modelisation of additive laser deposition in order to compute residual stresses induced by the process	By 31/12/2014	36	Master degree in Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering/ Modelisation of additive laser deposition	Exchange Mobility	Doctorate	06.1	The aim of this study is the modelisation of additive laser deposition in order to compute residual stresses induced by the process	By 31/12/2014	6	Master degree in Mechanical Engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Staff	06.1	Advanced modeling and simulation of out-of-autoclave composites manufacturing processes	Anytime during the lifetime of the project but no later than 14/6/17	1	PhD	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French/Spanish
Materials Sciences	Degree seeking	Doctorate	06.7	The area of research concern Friction Stire Processing and Friction Stir Welding.	By 31/12/2014	36	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Degree seeking	Doctorate	06.1	The area of research concern Friction Stire Processing and Friction Stir Welding.	By 31/12/2014	36	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Degree seeking	Doctorate	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	36	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French

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Mechanical Engineering	Exchange Mobility	Doctorate	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	18	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	10	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Doctorate	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	6	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Staff	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	Anytime during the lifetime of the project but no later than 14/6/17	1	Academic staff in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Mechanical Engineering	Exchange Mobility	Staff	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	Anytime during the lifetime of the project but no later than 14/6/17	2	Academic staff in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Degree seeking	Doctorate	06.7	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	36	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
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Materials Sciences	Exchange Mobility	Doctorate	06.7	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	10	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Doctorate	06.7	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	6	Master degree in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Staff	06.7	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	Anytime during the lifetime of the project but no later than 14/6/17	1	Academic staff in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Staff	06.7	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	Anytime during the lifetime of the project but no later than 14/6/17	2	Academic staff in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
International Relations	Exchange Mobility	Staff	16.9	Open offer for International Relations Office activities	Anytime during the lifetime of the project but no later than 14/6/17	1		Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Post Doctorate	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	6	PhD in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Post Doctorate	06.6	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	6	PhD in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Post Doctorate	06.7	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	6	PhD in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Post Doctorate	06.1	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	10	PhD in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Materials Sciences	Exchange Mobility	Post Doctorate	06.6	Open offer in the area of the laboratoty GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	10	PhD in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French

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Materials Sciences	Exchange Mobility	Post Doctorate	06.7	Open offer in the area of the laboratory GEM Research laboratory of Civil Engineering and Mechanics : Metallic and Composites Assemblies Computational Mechanics and "Couplage" Polymers Dynamics and Processing Technology	By 31/12/2014	10	PhD in Mechanical Engineering or Materials Sciences	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Civil Engineering	Exchange Mobility	Staff	06.4	Law and Economics for sustainable environment and water treatment. Lecture hours in the subject for master degree students civil engineering and mechanical engineering	Anytime during the lifetime of the project but no later than 14/6/17	2		Cyrielle Rohart	projects.int@ec-nantes.fr	English/French
Engineering	Exchange Mobility	Undergraduate	06.9	Mechanical Electrical and Civil Engineering and Materials Sciences. Technology and industrial management	01/09/2014	10	Minimum 2 years of undergraduate studies at the home institution in the field of Mechanical Electrical and Civil Engineering and Materials Sciences.	Cyrielle Rohart	projects.int@ec-nantes.fr	French
Master of Science in Applied Mechanics/Computational Structural Mechanics	Exchange Mobility	Master	06.1	This Master is concerned with the application of mechanics mathematics and numerical methods in the practice of modern engineering for structural mechanics applications	01/09/2014	6	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Computational Structural Mechanics	Exchange Mobility	Master	06.1	This Master is concerned with the application of mechanics mathematics and numerical methods in the practice of modern engineering for structural mechanics applications	01/09/2014	10	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Computational Structural Mechanics	Degree seeking	Master	06.1	This Master is concerned with the application of mechanics mathematics and numerical methods in the practice of modern engineering for structural mechanics applications	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Design of Systems and Products	Exchange Mobility	Master	06.6	This Master provides tools models and methodologies for the design of mechanical products and for the design and management of industrial systems. We take also into account technical human and economical factors.	01/09/2014	6	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Design of Systems and Products	Exchange Mobility	Master	06.6	This Master provides tools models and methodologies for the design of mechanical products and for the design and management of industrial systems. We take also into account technical human and economical factors.	01/09/2014	10	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Design of Systems and Products	Degree seeking	Master	06.6	This Master provides tools models and methodologies for the design of mechanical products and for the design and management of industrial systems. We take also into account technical human and economical factors.	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Metallic and Composites Complex Assemblies	Exchange Mobility	Master	06.7	This Master is designed to provide trouble shooting and solution oriented approach of problems encountered in advanced materials successively during the selection and shaping phases and in service conditions.	01/09/2014	6	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Metallic and Composites Complex Assemblies	Exchange Mobility	Master	06.7	This Master is designed to provide trouble shooting and solution oriented approach of problems encountered in advanced materials successively during the selection and shaping phases and in service conditions.	01/09/2014	10	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Metallic and Composites Complex Assemblies	Degree seeking	Master	06.7	This Master is designed to provide trouble shooting and solution oriented approach of problems encountered in advanced materials successively during the selection and shaping phases and in service conditions.	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Energetics and propulsion	Exchange Mobility	Master	06.9	Courses of energetic and propulsion program are taught by various speakers from prestigious universities or leading companies Snecma Bosch ... They mix theoretical courses with applied case studies.	01/09/2014	6	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Energetics and propulsion	Exchange Mobility	Master	06.9	Courses of energetic and propulsion program are taught by various speakers from prestigious universities or leading companies Snecma Bosch ... They mix theoretical courses with applied case studies.	01/09/2014	10	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Energetics and propulsion	Degree seeking	Master	06.9	Courses of energetic and propulsion program are taught by various speakers from prestigious universities or leading companies Snecma Bosch ... They mix theoretical courses with applied case studies.	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Hydrodynamics and ocean engineering	Exchange Mobility	Master	06.9	The aim of this program is to characterize free surface hydrodynamics and give students fundamental basis in terms of physical and modelling aspects. Typical problems of marine engineering are thus covered.	01/09/2014	6	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Hydrodynamics and ocean engineering	Exchange Mobility	Master	06.9	The aim of this program is to characterize free surface hydrodynamics and give students fundamental basis in terms of physical and modelling aspects. Typical problems of marine engineering are thus covered.	01/09/2014	10	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Science in Applied Mechanics/Hydrodynamics and ocean engineering	Degree seeking	Master	06.9	The aim of this program is to characterize free surface hydrodynamics and give students fundamental basis in terms of physical and modelling aspects. Typical problems of marine engineering are thus covered.	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English

REMINDER: Please refer to the pre-requisites, scholar documents and partner university information sheets and the information provided on the application database before submitting an application.

Programme Title	Mobility Type	Mobility Level	Subject Code	Description	Start Date	Duration	Prerequisites	Program Contact Person	Program Contact Person Email	Language
Master of Sciences and Techniques in Urban Environment	Exchange Mobility	Master	02.3	This Master offers a well-balanced education to future engineers and town planners by providing the skills necessary to solve environmental and energy issues through an integrated approach combining technological development together with the consideration of human social and urban constraints.	01/09/2014	6	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Sciences and Techniques in Urban Environment	Exchange Mobility	Master	02.3	This Master offers a well-balanced education to future engineers and town planners by providing the skills necessary to solve environmental and energy issues through an integrated approach combining technological development together with the consideration of human social and urban constraints.	01/09/2014	10	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Master of Sciences and Techniques in Urban Environment	Degree seeking	Master	02.3	This Master offers a well-balanced education to future engineers and town planners by providing the skills necessary to solve environmental and energy issues through an integrated approach combining technological development together with the consideration of human social and urban constraints.	01/09/2014	24	Bachelor of Science holder	Cyrielle Rohart	projects.int@ec-nantes.fr	English
Mechanical Engineering	Exchange Mobility	Staff	06.1	Advanced modeling and simulation of out-of-autoclave composites manufacturing processes	Anytime during the lifetime of the project but no later than 14/6/17	2	PhD	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French/Spanish
Civil Engineering	Exchange Mobility	Staff	06.4	Develop research collaborations in the civil engineering field related to research themes studied in the GeM laboratory	Anytime during the lifetime of the project but no later than 14/6/17	2	PhD civil engineering	Cyrielle Rohart	projects.int@ec-nantes.fr	English/French