> Doctorat en Sciences de l'ingénieur – Aérospatiale et Mécanique

DESIDERI Adriano : Dynamic modeling of organic rankine cycle power systems (Promoteur : Vincent LEMORT)

DEWALQUE Florence : Nonlinear analysis of compliant deployable structures : modelling, simulation and experimental validation (Promoteur : Olivier BRULS)

GEORGES Emeline : Modulation strategies of integrated HVAC systems used in residential buildings for demand-side management at different scales (Promoteur : Vincent LEMORT)

GUISSART Amandine : Numerical and experimental study of bluff body aerodynamics (Promoteur : Vincent TERRAPON)

HASHEMI Seyedeh Neda : Study of High Speed Steel deposits produced by Laser cladding. Microstructure - Wear - Thermal Model (Promoteur : Anne MERTENS)

HOMSI Lina : Development of non-linear Electro-Thermo-Mechanical Discontinuous Galerkin formulations (Promoteur : Ludovic NOELS)

JACQUES Lionel : Space Thermal Analysis through Reduced Finite Element Modelling (Promoteur : Gaëtan KERSCHEN)

NOËL Lise : Level set optimization of bimaterial structures and microstructures considering stress and damage resistance (Promoteur : Pierre DUYSINX)

OUDKERK Jean-François : Contribution to the Characterization of Piston Expanders for their Use in Small-Scale Power Production Systems (Promoteur : Vincent LEMORT)

PRASAD Chandra Shekhar : Aerodynamic and aeroelastic modelling of horizontal axis wind turbines using panel methods (Promoteur : Grigorios DIMITRIADIS)

> Doctorat en Sciences de l'ingénieur – Architecture, génie civil et géologie

COPPOLA Bartolomeo : Use of End-of-Waste Foamed Fibers and Aggregates into a Cementitious Mortar (Promoteur : Luc COURARD)

DUMA Diana-Maria : Hydrodynamics and bed stability at smooth-to-rough transitions. Experiments based on acoustic flow measurements (Promoteur : Benjamin DEWALS)

DUMONT Gaël : Geophysical characterization and monitoring of a municipal solid waste landfill (Promoteur : Frédéric NGUYEN)

FRANCAVILLA Antonella Bianca : Robustness and seismic behaviour of structures equipped with traditional and innovative beam-to-column connections (Promoteur : Jean-Pierre JASPART)

HAMRA Lotfi : Development and analysis of low-order models of frame structures under blast loads (Promoteur : Jean-François DEMONCEAU)

HAYECK Marielle : Development of a new design method for steel hollow section members resistance (Promoteur : Jean-Pierre JASPART)

MORDANT Christophe : Development of a new design method for steel hollow section members resistance (Promoteur : Vincent DENOEL)

MUHABIE Yohannes Tekle : Development of a discrete event simulation based tool for offshore logistics in wind farm installation (Promoteur : Philippe RIGO)

RADIOTI Georgia : Shallow geothermal energy : effect of in-situ conditions on borehole heat exchanger design and performance (Promoteur : Robert CHARLIER)

SALOUMI Elsy : Development of a new design method to define the rotation capacity of steel hollow sections (Promoteur : Jean-Pierre JASPART)

SAUCA Ana : Development and implementation of a methodology for hybrid fire testing applied to concrete structures with elastic boundary conditions (Promoteur : Jean-Marc FRANSSEN)

TOSSOU Yao Yelidji Joel : Diagnostic de la qualité des eaux souterraines au Bénin et impacts de leur contamination sur la santé (Promoteur : Serge BROUYERE)

> Doctorat en Sciences de l'ingénieur – Chemical Engineering

CLAUDE Vincent : Reforming of toluene formed during the gasification of biomass with alumina based catalysts prepared by aqueous sol-gel processes (Promoteur : Stéphanie LAMBERT)

PIEDBOEUF Marie-Laure : Xérogels de carbone comme matériaux modèles pour l'étude du comportement électrochimique en tant qu'anodes de batteries Li-ion (Promoteur : Nathalie JOB)

> Doctorat en Sciences de l'ingénieur – Électricité, électronique et informatique

COPPIETERS'T WALLANT Dorothé : Sleep & ElectroEncephalography. Preprocessing and Analyses of a specific sleep EEG pattern (Promoteur : Christophe PHILLIPS)

FRANÇOIS-LAVET Vincent : Contributions to deep reinforcement learning and its applications to smartgrids (Promoteur : Damien ERNST)

GEMINE Quentin : Active Network Management for Electrical Distribution Systems (Promoteur : Damien ERNST)

JOLY Arnaud : Exploiting random projections and sparsity with random forests and gradient boosting methods - Application to multi-label and multi-output learning, random forest model compression and leveraging input sparsity (Promoteur : Louis WEHENKEL)

MARCOS ALVAREZ Alejandro : Computational and Theoretical Synergies between Linear Optimization and Supervised Machine Learning (Promoteur : Quentin LOUVEAUX)

THOMAS Felicity Louise : Continuous glucose monitoring for optimising glycaemic performance in individuals without diabetes (Promoteur : Thomas DESAIVE)

VAN LOO Stéphanie : Droplet microfluidics for single-cell manipulation (Promoteur : Tristan GILET)

> Doctorat en Sciences (Informatique)

CASTRONOVO Michaël : Offline Policy-search in Bayesian Reinforcement Learning (Promoteur : Damien ERNST)

Remarque : la liste des doctorats est arrêtée au 13 septembre 2017.