

First Name	Last Name	Your E-mail	Project 1		
Diogo	Pinto	diomarti@ulb.ac.be	2 DOF Gravity Compensation Mechanism	Promoters : Bram Vanderborght & Dirk Lefeber	
Tom	Vermeersch	tomv012@hotmail.com	Adaptative actuator based on a photoresistor.	André Preumont	
Jinyi	Zhang	jinyi.zhang@ulb.ac.be	Advanced Environmental Testing : New MIMO Control Strategies	Promoter : Prof. Patrick Guillaume	
Javier	Bernad	fbernadc@ulb.ac.be	Advanced Environmental Testing: Time Waveform Replication	Prof. Patrick . Guillaume	
Konstantinos	Exadaktylos	kexadakt@ulb.ac.be	Characterization and analysis of the results of lithium-ion capacitors.	Supervisor: Prof. Joeri Van Mierlo	
Benômar	Yassine	ybenomar@vub.ac.be	Comparative study of distributed state observers	Michel Kinnaert	
Binlei	Ding	binlding@ulb.ac.be	Conception of a two-degree-of-freedom inertial sensor		
Youssef	Louarroudi	ylouarro@vub.ac.be	Control of a magnetic levitation process		
Alvaro	Lloret de Muller	alloretd@ulb.ac.be	Control of a magnetic levitation process by Michel Kinnaert		
Arnaud	Fiala	Arnaud.Fiala@ulb.ac.be	Design of a compliant actuator with Bram Vanderborght and Dirk Lefeber		
Florin Costin	Iliescu	filiescu@ulb.ac.be	Design of a temperature and level multivariable water tank process,	Michel Kinnaert	
Ali	Ghandour	aghandou@ulb.ac.be	Design of a temperature and level multivariable,	Michel Kinnaert	
Gabriël	Van De Velde	gavdevel@vub.ac.be	Design of an 'optimized' MACCEPA actuator.	Dirk Lefeber - Bram Vanderborght	
Tommaso	Zara	tommi_hbk@hotmail.it	design of CVT for robotics applications.	Bram Vanderborght-Dirk Lefeber	
Siyuan	Wang	fernandsy@126.com	Development of a small telepresence robot	Promotor: Bram Vanderborght	
Marceau	Lecomte	marceau.lecomte@ulb.ac.be	Development of a small telepresence robot	Bram Vanderborght	
Abdel-majid	Ghamraoui	aghamrao@gmail.com	Development of a twisted string actuator for a hummingbird robot-	Prof. André Preumont	
Younes	El Bouchttaoui	yelbouch@vub.ac.be	Development of a user--friendly GUI for testing of actuators -	Bram Vanderborght – Dirk Lefeber	
Margot	Van den Brande	mavdbran@vub.ac.be	Development of a user--friendly GUI for testing of actuators -	Bram Vanderborght – Dirk Lefeber	
Joren	Janssens	jjans@vub.ac.be	Development of a VR module for ALTACRO using unity 3D and oculus rift -	Bram Vanderborght	
Sidney	de Coninck	sideconi@vub.ac.be	Development of a VR module for ALTACRO using unity 3D and oculus rift	Promotor(s):Dirk Lefeber – Bram Vanderborght	
Loïc	Maudoux	lmaudoux@ulb.ac.be	Dynamic monitoring solutions for offshore wind turbines, with Prof. Patrick Guillaume		
Jean Philippe	Hubinont	jhubinon@gmail.com	Dynamic monitoring solutions for offshore wind turbines.	Promoters : Prof. Patrick.Guillaume, Prof. Christof.Devriendt	
Olivier	Argiolas	oargiola@ulb.ac.be	Effect of bone substitutes for TKAs (Tibial Bone),	Bernardo Innocenti	
Daniele	Vignoni	vig04@hotmail.it	EFFECT OF BONE SUBSTITUTES FOR TKAs (Femoral Bone).	Bernardo Innocenti	
Duc-Manh	Nguyen	Duc-Manh.Nguyen@vub.ac.be	Energy efficient control of a compliant actuator"	- Bram Vanderborght - Dirk Lefeber	
Emanuele	Cappello	ecappell@ulb.ac.be	Evaluation of potential PV use in ULB's Solbosch campus -	Professor Hendrick	
Florian	Sparavier	fsparavi@ulb.ac.be	Evaluation of potential PV use in ULB's Solbosch campus.	Patrick Hendrick	
Margot	Lison	mlison@vub.ac.be	Feasability study of new structural health monitoring solutions for crack detection -	Patrick Guillaume	
Maxime	Boninsegna	mboninse@ulb.ac.be	Francesco Contino, Playing with matches		
David	Pura	david.pura@ulb.ac.be	HALE UAV Batteries		
Djidjoua	ABDOULRAHMANE	dabdoulr@ulb.ac.be	HALE UAVs_batteries		
Andrés	Gil Altaba	agilalta@ulb.ac.be	HALE UAVs_motors	Patrick Hendrick	
Joren	Janssens	jjans@vub.ac.be	Hand Training Joystick -	Bram Vanderborght – Dirk Lefeber	

Sidney	de Coninck	sideconi@vub.ac.be	Hand Training JoystickPromotor(s): Bram Vanderborght –Dirk Lefeber		
Elias	Aragones-Melhem	earagone@vub.ac.be	Hummingbird2, Development and optimization of a gear train for a hummingbird robot		
Quentin	Crabbé	gcrabbe@ulb.ac.be	Implementation and testing of an attention subsystem in a social. Bram Vanderborght – DirkLefeber		
Luc	Thomas	luthomas@vub.ac.be	Implementation of an anti - islanding technique for photovoltaic inverters - Prof. Johan Gyselinck		
jihane	hmani	jhmani@ulb.ac.be	implementation of MPPT algorithms of a wind turbine in simulation and on the 3kW DFIG test bench of the laboratory.		
Louise	De Vos	lodevos@vub.ac.be	Implementation of MPP T algorithms of a wind turbine in simulation and on the 3kW		
Niels	De Valck	ndevalck@vub.ac.be	Implementation and testing a reactive subsystem in a social robot		
José Ignacio	Palao Martínez	jpalaoma@ulb.ac.be	Life Cycle Analysis of 1st, 2nd and 3rd Generation Biofuels- Prof. Joeri Van Mierlo		
Da	Pan	dapan@vub.ac.be	Life Cycle Analysis of 1st, 2nd and 3rd Generation Biofuels, Van Mierlo		
Guillermo	Galiana Álvarez	ggaliana@ulb.ac.be	Life Cycle Inventories of Redox Flow Batteries for Vehicle ApplicationsProf. Joeri Van Mierlo		
Steven	David	stdavid@vub.ac.be	Modular Battery Management Systems for BEVs and HEVs applications, Van Mierlo		
Marta	Cazorla	martacsoult@gmail.com	Optimal way to produce oil from algae - Francesco Contino		
Wanlu	Shi	Shi.Wanlu@vub.ac.be	Optimal way to produce oil from algaeProf. Francesco Contino		
Xiangyi	Wang	Xiangyi.Wang@vub.ac.be	Parachute descent on Titan –Huygens descent simulation		
Mohamed Adil	Amezouak	mamezoua@ulb.ac.be	Parachute descent on Titan-Huygens descent simulation.Prof. dr. ir. Chris Lacor		
Haowen	Luo	Haowen.Luo@vub.ac.be	Power optimization by extremum seeking for wind turbines Michel Kinnaert		
Jérémie	Legraverend	jeremie.legraverend@vub.ac.be	Processing of GC data with Matlab - Francesco Contino		
Georgios	Loulas	gloulas@ulb.ac.be	Realization of an Inverted Pendulum with Cart and UAVLaurent Catoire and Emanuele Garone.		
Diego	Ortiz F. de la Pradilla	diego_ofp93@hotmail.com	State-of-the-art and selection of modern photovoltaic cells for UAVapplications,Prof. Patrick Hendrick		
Diego	Fernandez Rodil	dieferna@ulb.ac.be	Study and improvement of a Switched Reluctance Machine converterProf.J.Gyselinck		
Iván	Sancha	isanchas@ulb.ac.be	Study the planetary roller screwsDirá Lefeber		
Juan	Bou Saera	jbousaer@ulb.ac.be	Urban logistics optimizationProf. Dr. Alassane B. NDIAYE		
Zoé	Jardon	zoe.jardon@vub.ac.be	Virtual Ruler		
Cedric	Ameloot	cameloot@vub.ac.be	Virtual Ruler - Alain Delchambre		