

**LAGRANGE PROJECT – CRT FOUNDATION  
RESEACRH SCHOLARSHIPS  
CALL 1: scholarships assigned : 32**

<b>SURNAME</b>	<b>NAME</b>	<b>PROJECT TITLE</b>
AIMO BOOT	ELISA	Use of cold low-pressure plasmas to create nano-structured coatings for functional and decorative applications with zero environmental impact
ALOIA	SANDRA	Learning processes in museums
BOERIS FRUSCA	MARCO CARLO DINO LUCA	Study and experimentation of protocols for “ad hoc networking”
BOERO	RICCARDO	Distributed calculation, GRID technology and tools for the study of socio-economic complexity
BORELLO	LUISA ANNA	Research, development and characterization of materials for hydrogen stocking for fuel-cells applications in HYSY LAB (HYdrogen SYstem Laboratory)
CAROSSO	PATRICK	Automated system to test accumulators
CARRERA	CARLA	Innovative procedures in MRI based on the development of new contrast agents
CAUTERUCCIO	STEFANO	Distributed Staging Systems
GERBO	ALESSANDRO	Optimization of oxygen exchange in a biomass biological treatment with bio-recyclable support for water conditioning
IPPOLITO	STEFANO	Simulation methodologies and fast prototyping for complex info-telematic control systems
LANGELOTTI	ANTONIO LUCA	Experimentation and validation of a diagnostic test in Molecular Biology (PCR) to detect the Bovine Herpes Virus Type 1 (BHV1), etiological agent of IBR.
MARCELLIN	LARA	Analysis of complex information systems : back-end models
MERLIN	ALESSANDRA	Chemical change of starches to apply to the sector of biodegradable plastics from renewable source
MIGNOSI	PAOLA	Definition, development and testing of analytical methods and alternative cellular models vs. animals to evaluate the percutaneous and trans-epithelial absorption of active and xeno-biotic principles
NOBILI	MATTEO	Advanced computational methods for the modelling and the simulation of tumorous growth processes
PEIRONE	DARIO	The governance process of complex systems: an original contribution on the financial flows feeling complex production systems in order to identify the dynamical contexts where to make economic, managing, design and implementation choices.
PERCIVALE	MICHELE	Plasma-based treatments for textile dyeing and finishing processes.
PIERI	FEDERICO	Multi-agent structures to reduce the complexity of dynamical programming and planning in real time of flexible and interconnected production systems in a non-structured environment.
PONZETTO	ANTONIO	Prototyping of “personal communications” services based on interactive digital TV platform
POZZO	MARCO	Realization, engineering and CE certification of a wearable system for the analysis of the neuromuscular system during the working, sport and rehabilitation activity.
REPETTI	ALBERTO	Study, design, simulation, parametering of processes and realization of innovative displays demos : the nematic dual-stable systems.
RICCIARDI	CARLO	Development of bio-sensors made up by silicon carbides
RICHIARDI	MATTEO	Relations between workers’ networks and enterprises’ networks. Empirical evidence and theoretical models
RIVOLO	PAOLA ELENA	Development of innovative systems and processes to make optic-electronic, thin-film devices.
ROCCI	JOCELYN	Porous silicon as substratum to make potentiometer biosensors
SARRA	ANTONELLA	Study of the structure and the thermic behavior of complex polymeric nano-compounds by means of mass gas-cromatography-spectrometry
SCROFANI	PAOLA	Interactive digital TV :development of new service models
SPORTI	GIULIO	Management of the complexity of fleets of mobile autonomous and cooperating robots for the reliable performance of joint objectives
TALLONE	GIUSEPPINA	A strange city : towards the creation of a non-linear model to forecast the need of social housing.
TOSI	EMANUELA	Optimization of assessment methods in-vivo pro-biotic activity.
TRINGALE	AGATA	FRONT-END : organization model of a complex information system.
ZACCARON	ANDREA	Prototyping of innovative services based on the integration of telematic networks and infrastructures for the terrestrial digital TV