



















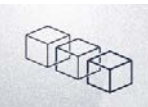


## Bachelor Projects - June 27, 2017

Project	Student	Advisor & Tutor	Project	Student	Advisor & Tutor
 Smart Grid Data Anonymization	Francesco Simone Arrigo	Prof. Miroslaw Malek Dr. Slobodan Lukovic	 Code Quality Assessment in Real Time	Luigi Frunzio	Prof. Gabriele Bavota Bin Lin
 WEBCITY A Tool for Web-Based Visualization of GitHub Repositories	Paolo Aurecchia	Prof. Michele Lanza Dr. Andrea Mocci	 A Voxel-based Approach to Earthquake Simulation	Leonardo Iandiorio	Prof. Michele Lanza Dr. Andrea Mocci
 Calibration of Inertial Wearable Human-Robot Interface	Nelson Brocado	Prof. Luca Maria Gambardella Dr. Alessandro Giusti, Boris Gromov	 Data Analysis for Performance Annotations	Irene Jacob	Prof. Antonio Carzaniga Daniele Rogora
 Web app for parallel SMT	Jelena Budakovic	Prof. Natasha Sharygina Matteo Marescotti	 Numerical Analysis of a Tumour Growth Model IMEX schemes for Finite Element discretizations of a Reaction-Diffusion equation	Gauthier Müller	Prof. Rolf Krause Dr. Maria Nestola, Sonia Pozzi
 Parsing & Modeling Swift Systems	Alessio Buratti	Prof. Michele Lanza Roberto Minelli	 Adrenaline-RV Runtime Verification for Android	Alexander North	Prof. Walter Binder Haiyang Sun
 Execute Me if You Can: Discovery and Execution of Malicious Payloads in Android Apps	Abdil Cakal	Prof. Miroslaw Malek Dr. Alberto Ferrante, Jelena Milosevic	 Integrating Summarization into a Holistic Recommender System	Lucas Pennati	Prof. Michele Lanza Dr. Andrea Mocci, Luca Ponzanelli
 Earthquake Analytics - Real time earthquakes visualization	Marco Calzana	Prof. Michele Lanza Dr. Andrea Mocci	 Interior point method for the inner quadratic programming problem in the Big Data analysis	Luca Scibona	Prof. Illia Horenko Dr. Lukas Pospisil
 Dissecting Ransomware	Davide Cammarata	Prof. Miroslaw Malek Dr. Alberto Ferrante, Jelena Milosevic	 Convolutional Neural Network Visualisation of a Realtime Classifier	Din Tamari	Prof. Luca Maria Gambardella Dr. Alessandro Giusti
 Packing Pyramids Answering an age old question by exploring an infinite space	Samuele Decarli	Prof. Kai Hormann Dr. Emiliano Cirillo	 SMART-IVC Enhanced Visualization of Cities Through Smart Visual Queries	Andrea Vicari	Prof. Michele Lanza Dr. Andrea Mocci
 Filling the gap between Social Media platforms and Content Discovery platforms	Alessandro Fantini	Prof. Cesare Pautasso Dr. Giacomo Inches	 Interactive Display	Francesco Saverio Zuppichini	Prof. Marc Langheinrich Dr. Ivan Elhart
 Performance Analysis of the Bitcoin Protocol	Gianmarco Fraccaroli	Prof. Fernando Pedone Paulo Coelho, Enrique Fynn			