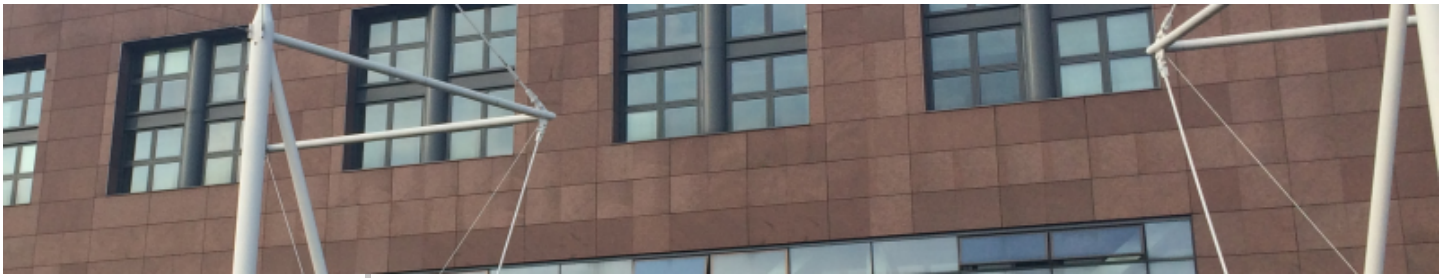
Politecnico di Torino

PHD IN COMPUTER AND CONTROL ENGINEERING



MISSION
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RESEARCH PROPOSALS
STUDENTS
ALUMNI
DOCUMENTS
CAREER OPPORTUNITIES
NEWS
PHD DAYS
PHD POSTER DAY 2021
BEST DISSERTATION AWARD
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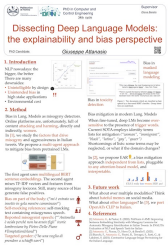
DAUIN PH.D. POSTER DAY 2021

On Wednesday October 27, at the second floor of the Department of Control and Computer Engineering (DAUIN), Ph.D. students at the end of their studies (XXXIV cycle) had the chance to present and discuss in person their research activities in the context of the 6th edition of the DAUIN Ph.D. Poster Day. The event was an opportunity to illustrate the Ph.D. program in Computer and Control Engineering and to disseminate the research activities carried on at DAUIN.

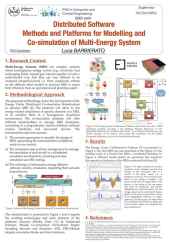
Presenters and their respective topics are listed below.

Tala Almutaz Almansi ABDALLA
Recursive set-membership estimation for LTV systems and application to DDC

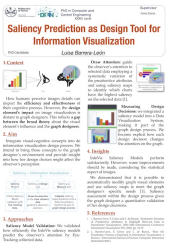


Giuseppe ATTANASIO
Dissecting Deep Language Models: The explainability and bias perspective

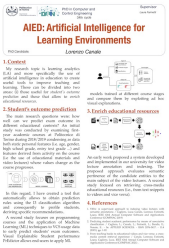
Luca BARBIERATO



Distributed software methods and platforms for modelling and co-simulation of multi-energy systems



Luisa Fernanda BARRERA LEON
Saliency prediction as design tool for information visualization

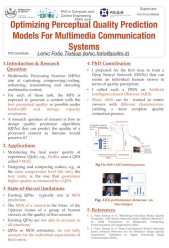


Lorenzo CANALE
AIED: Artificial intelligence for learning environments

Antonio CIPOLLETTA
HW/SW co-Design and optimization for intelligent embedded systems

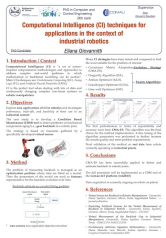
Elena DARAIO
Urban mobility within the smart city context

Sina FAMOURI
Machine learning methods for the analysis and interpretation of images and other multi-dimensional data

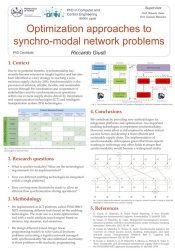


Lohic FOTIO TIOTSOP
Optimizing perceptual quality prediction models For multimedia communication systems

Eliana GIOVANNITTI

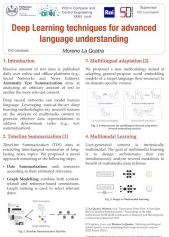


Computational Intelligence (CI) techniques for applications in the context of industrial robotics

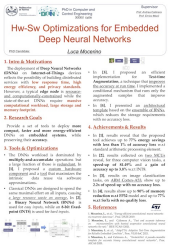


Riccardo GIUSTI
Optimization approaches to synchro-modal network problems

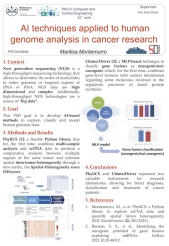
Marco IORIO
Service-oriented architectures and security in automotive environments



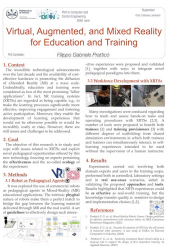
Moreno LA QUATRA
Deep learning techniques for advanced language understanding



Luca MOCERINO
HW-SW optimizations for embedded deep neural networks

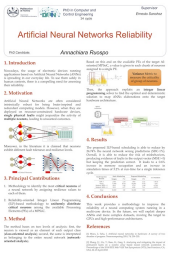


Marilisa MONTEMURRO
AI techniques applied to human genome analysis in cancer research

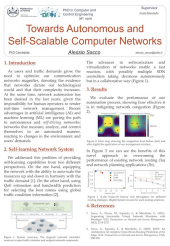


Filippo Gabriele PRATTICO'
Virtual, augmented, and mixed reality for education and training

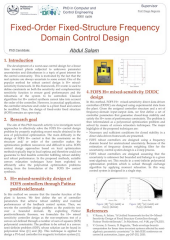
Annachiara RUOSPO


Artificial Neural Networks Reliability

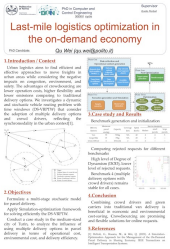
Artificial neural networks reliability


Towards Autonomous and Self-Scalable Computer Networks

Alessio SACCO
Towards autonomous and self-scalable computer networks


Fixed-Order Fixed-Structure Frequency Domain Control Design

Abdul SALAM
Fixed-order fixed-structure frequency domain control design


Last-mile logistics optimization in the on-demand economy

Qu WEI
Last-mile logistics optimization in the on-demand economy

Reliability Evaluation and Hardening of Nano-scale SoC

Weitao YANG
Reliability evaluation and hardening of nano-scale SoC

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