Agostino Bruzzone

Professore ordinario

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Istruzione e formazione

1992

Studio dei Sistemi Automatizzati di movimentazione di un Terminal Container mediante tecniche di Simulazione Progettata

Studio dei Sistemi Automatizzati di movimentazione di un Terminal Container mediante tecniche di Simulazione Progettata - 110/110 e lode

Ingegneria Meccanica Università di Genova - Genova - IT

1984

1 e 2 Classe

NA - 3o Classe Scient. 5o Generale

Italian Naval Academy - Livorno - IT

1983

Maturità Classica

NA - 60/60

Liceo Ginnasio G.Chiabrera - Savona - IT

Esperienza accademica

2012 - 2015

Leading Scientist

NATO CMRE - Spezia - IT

Program Leader. Developing a New Research Track in Marine Simulation for NATO Science and Technology Organization

2017 - IN CORSO

Membro consiglio direttivo

SIMAV - Centro di servizio di Ateneo di simulazione e formazione - Genova - IT

Development of Simulation Solutions and Cooperation with other Groups in Geoa University

1996 - 2004

Research in Genoa University

University of Genoa - Genova - IT

Research on Industrial Plants Business Process AI Techniques and Simulation Models

Membro
CIELI - Centro Italiano di Eccellenza sulla Logistica i Trasport - Genova - IT
MS for Logistics

Competenze linguistiche

English	**Italian**	**French**	**German**
Esperto	Madrelingua	Buono	Elementare
	Classic High School in Italy 60/60		Very Basic

Spanish	**Portuguese**	**Latin**	**Ancient Greek (to 1453)**
Elementare	Elementare	Elementare	Elementare
Basic Understanding	Basic Understanding	Classic High School in Latin 60/60	Classic High School in Italy 60/60

No linguistic content
Buono
Genoese Language (not listed in combo box)

Interessi di ricerca

Industrial Plant Engineering & Technologies, Strategic Engineering, Mechanical Engineering, Management Engineering
Industrial Plants, Logistics, Supply Chain Management, Project Management, Construction, Safety & Security, Crisis Management
Autonomous Systems, UAV, AUV, UUW, UGV, USV, Robotic Process Automation, Heterogeneous Networks,
Data Analytics, Data Fusion, Design of Experiments, Operational Management
Artificial Intelligence, Artificial Neural Networks, Fuzzy Logic, Genetic Algorithms, Intelligent Agents, Knowledge Based Systems, Machine Learning
Modeling and Simulation, Serious Games, Interoperable Simulation, Data Science, Innovative Solutions
Industrial & Business Process, Industry 4.0, Homeland Security, Defense, Joint Operations, Operational Planning, Education and Traning, Operational Support
CIMIC, PSYOPS, Cyber Warefare, Hybrid Warfare, Crisis Management

Progetti di ricerca

2017 – IN CORSO

INAIL ID 38 W-Artemys - Soluzioni wearable in realtà aumentata per la sicurezza delloperatore negli impianti manifatturieri

INAIL - IT
114.00000 - Partecipante
Wearable augmented reality for employee safety in manufacturing systems

2015 - 2016
INAIL BANDO BRIC ID16 SISOM Sistemi Intelligenti Sicurezza Operatore Macchina

54900 - Partecipante
The objective is the development of guidelines and technical solutions for reducing accidents deriving from human-machine interaction. The main objectives:
- provide the operator with real-time feedback based on specific requests this aimed identifying precautionary measures to be implemented to reduce risks;
- monitoring through augmented reality (thus having additional information) human-machine interaction, in order to improve even more safety

2014 - 2016
PRIN DIEM-SSP Disasters and Emergencies Management for Safety and Security in industrial Plants

MIUR - IT
52.000 - Partecipante
° study the innovative emergency procedures that must be used within hospitals for patients (coming from the place where the accident has occurred) suffering from
severe traumas;
° support the routing of patients with severe traumas toward the most suitable facilities (hospitals) that must be detected through a study on the optimal infrastructures location and the design of the logistic network;
° reduce the number of patients with severe traumas (and the damages to critical infrastructures) through innovative emergency procedures that take into account the
human factor, namely its reliability and the possibility of mistakes;
° test the aforementioned methodologies though a test bed based on distributed and interoperable simulation (IEEE 1516 HLA).