



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

2018 - IN CORSO

Membro

CIELI - Centro Italiano di Eccellenza sulla Logistica e Trasporti - Genova - IT
MS for Logistics

Competenze linguistiche

English

Esperto

Italian

Madrelingua
Classic High
School in Italy
60/60

French

Buono

German

Elementare
Very Basic

Spanish

Elementare
Basic
Understanding

Portuguese

Elementare
Basic
Understanding

Latin

Elementare
Classic High
School in Latin
60/60

Ancient Greek (to 1453)

Elementare
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, UUV, 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 Training, Operational
Support
CIMIC, PSYOPS, Cyber Warfare, Hybrid Warfare, Crisis Management

Progetti di ricerca

2017 - IN CORSO

INAIL ID 38 W-Artemys - Soluzioni wearable in realtà aumentata per la sicurezza dellooperatore 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).