



The 10th International
Defense & Homeland Security
Simulation Workshop
at NATO CA2X2 FORUM 20

CA²X²
FORUM
2020

DHSS is an International Workshop focusing on the advances and potential of using M&S in Defense and Homeland Security framework. It brings Experts together for the purpose of presenting and discussing all types of innovation related to the use of Modeling & Simulation in Defense and Homeland Security Applications. DHSS focuses on new Concepts, Methods, Techniques and Tools for advancing modeling & simulation sector. In 2020, we celebrate the 10th Edition of DHSS

Session DHSS-1: Training & Education to Face a Major Crisis September 24, 2020, 1430B - 1540B (GMT+2), Virtual Session

Chair: Prof. Agostino Bruzzone, Genoa University & Prof. Francesco Longo, UNICAL

Educational and Training Aid for Protecting a Town during Epidemics

Agostino G. Bruzzone, Marina Massei, et al. Simulation Team, University of Genoa & SIM4Future
Email of the Principal Author(s): agostino@simulationteam.com, marina.massei@simulationteam.com

Selection of Training Methods in Systems dedicated to Detection of Chemical Hazards

Magdalena Dobrowolska-Opala, Grzegorz Gudzbeler, University of Warsaw, Poland
Email of the Principal Author(s): mdopala@gmail.com

Simulation of Emergency Management

Adriano Solis, York University, Canada
Email of Principal Author(s): asolis@york.ca

Modeling, Interoperable Simulation and Serious Games to Educate how to develop Water Strategies during a Crisis

Agostino G. Bruzzone, et al. STRATEGOS & Simulation Team
Email of the Principal Author(s): agostino.bruzzone@simulationteam.com

Session DHSS-2: Complex Scenarios & Systems September 24, 2020, 1555B - 1705B (GMT+2), Virtual Session

Chair: Prof. Adriano Solis, York University & Dr. Marina Massei, Simulation Team

Models of STRATCOM & Cyber within an Hybrid Scenario during a Biological Crisis

Agostino G. Bruzzone, Marina Massei, et al. Simulation Team, University of Genoa & SIM4Future
Email of the Principal Author(s): agostino@simulationteam.com, marina.massei@simulationteam.com

Extended Reality alternative Solutions to support Education, Training, Operational Planning and Operation Support on Complex Scenarios

Agostino G. Bruzzone, Marina Massei, et al. Simulation Team
Email of the Principal Author(s): agostino@simulationteam.com, marina.massei@simulationteam.com, giuliano.fabbrini@simulationteam.com, marco.gotelli@simulationteam.com

Aid of Thermal and sRGB imaging Techniques for Surveillance System

Martin Sagayam Kulandairaj, Diana Andrushia, Amir Anton Jone A, Dhanasekar S, John Paul J, Rajesh G, Karunya University, India
Email of the Principal Author(s): martinsagayam.k@gmail.com

<http://www.liophant.org/conferences>