



# SEDA 2018



## 6<sup>th</sup> International Conference on Software Engineering for Security & Defense Applications

Rome - "F. Baracca" Airport - Via di Centocelle, 301

**7 June - Day 1**

- 9.00 – 9.30** **Opening Keynote and welcome**  
Lt. Gen. Francesco Castrataro  
A.Messina DSSEA Secretary
- 9.30 – 11.30** **Session 1: Requirement complexity in current Military Operations (Chair: Alberto Sillitti)**  
A. Messina - Keynote: "Requirements Complexity in mission critical domain driven software development"  
M. Ruggiero - "Software Requirements complexity analysis to support the ADVISORY NETWORK IN TO THE NATION FORCES BUILD-UP"  
Franco R. Cotugno - "Requirements management and contractual approach in a complex program. The FNEC case"  
Vivek Kumar - "A conjoint application of Data Mining Techniques for Analysis of Global Terrorists Attacks "  
Session Round Table and Discussion "From requirement complexity to agile procurement" (Moderator **Luca Galantini**)
- 11.30 – 13.00** **Session 2: Special Session on Wargaming (Chair: Joseph Brown)**  
Daniel Ashlock - Keynote: "A Survey of Game Technologies"  
J.A. Brown - "Procedural Generation for Tabletop Games: User-Driven Approaches with Restrictions on Computational Resources"  
Marco Scirea - "Balanced Map Generation using Genetic Algorithms in the Siphon Board-game"  
Session Round Table and Discussion (Moderator Joseph Brown)
- 13.00 – 14.00** **Lunch buffet**
- 14.00 – 15.15** **Session 3: Innovative Software Engineering (part 1) - Agile (Chair: Giancarlo Succi)**  
Alberto Sillitti - Keynote: "An Open-Source Software Metric Tool for Defect Prediction"  
H. Aslam - "Design and Optimization in SW Engineering production environment. The LC2Evo Case Study"  
A. Messina – C. Paragamo - "Structuring the Agile learning process for professional development"  
Session Round Table and Discussion : (Moderator: **Giancarlo Succi**)
- 15.15 – 16.45** **Session 4: Innovative Software Engineering (part 2) - Security (Chair: Manuel Mazzara)**  
Nicola Dragoni - Keynote: "The Rise of Next Generation CyberWeapons. The Internet of Hackable Things"  
Mirko Bastianini - "Multi-Level Security approach on Weapon Systems"  
Mario Trinchera - "Mitigate Security Risk in Software Development"  
Giuseppe Procopio - "Safety vs Security in GNU/Linux Real Time Operating System domain"  
Session Round Table and Discussion (Moderator: Manuel Mazzara)
- 16.45 – 17.30** **Session 5: Round Table on " the Future of Software Engineering, controlling the impact of disruptive technology on the human society" (Chair: Paolo Ciancarini)**

