

ISCRAM board candidacy registration

Full name	Antonio De Nicola
E-mail address	antonio.denicola@enea.it
Short bio	<p>Since 2010 Antonio De Nicola serves as a research scientist at ENEA, the Italian national agency for new technologies, energy and sustainable economic development. At ENEA he is member of the Laboratory for the Analysis and Protection of Critical Infrastructures. Previously, from 2002 to 2010, he had been working as researcher in the Laboratory of Enterprise Knowledge and Systems of the Italian National Research Council (CNR). He holds a master degree in Physics from Sapienza University of Rome and a PhD in Computer Science from University of Rome Tor Vergata. His principal areas of research activity include knowledge representation, ontologies, emergency management, crisis management, simulation, interoperability, collaboration, social network analysis, semantic technologies and their applications for social good and industry. His work experience includes over 15 projects on the above-mentioned topics. He authored about 50 scientific papers published in international peer reviewed journals such as Information Systems, Communications of the ACM, Physica A, Natural Hazards and Environmental Modelling & Software, and conference proceedings. He is an expert reviewer for the Horizon 2020 EU projects, the Cost EU programme, and several scientific journals indexed by SCOPUS and web of science. He has been program committee member of around 50 scientific conferences related to, among other topics, social media, disaster management, collaboration and cooperative information systems. He is also co-chair together with Frederick Bénaben of the enterprise interoperability for crisis management thematic group of INTEROP-VLab, the European Virtual Laboratory for Enterprise Interoperability.</p>

Statement of intent

Antonio has more than 17 years experience in designing information systems to support enterprise collaboration and interoperability. He believes that a successful information system should be based on a deep knowledge of the related application domain and on a clear and simple conceptual design on top of the structural complexity of the reality. To this reason he will stimulate the ISCRAM community in developing a shared understanding on the issues that arise in all phases of management of emergencies, disasters and crises, in providing a clear conceptualization of this knowledge, and in making it available to ISCRAM members and practitioners.

He will push the ISCRAM community in further addressing research themes concerning social networks and social media as these are increasingly gathering a major role during crisis and emergencies to increase situational awareness, to allow cooperation among rescue teams but also to detect “fake news” that could lead to disastrous effects in a crisis situation.

Antonio will promote the work of thematic groups that should be created along two dimensions: research topics (e.g., fake news, drones, communication systems) and disasters or catastrophic events (e.g., Hurricane Harvey and Haiti earthquake).

Relationship to ISCRAM

Antonio has been a member of ISCRAM since May 2018. He is one of the co-chairs of the track “Knowledge, Semantics and AI for RISK and CRISIS management” of the 16th ISCRAM conference.

Upload a recent photograph



Please check

The information above is accurate and correct

I meet all the requirements to stand for election of the ISCRAM board

I understand & accept the expectations and commitments for elected ISCRAM board members.