

Soggetto coordinatore	Istituto di scienze cognitive e tecnologie CNR
Titolo del progetto	Advanced Training Environment for Crisis Scenarios
Acronimo	PANDORA
Descrizione del progetto	<p>PANDORA will bridge the gap between table-top exercises and real world simulation exercises, providing a near-real training environment at affordable cost. In a real-time, physics-based environment, PANDORA authentically simulates all the dynamic elements of the entire disaster environment. PANDORA will emulate a complete crisis room: realistic 3D visuals and audio create a truly immersive, chaotic and stressful environment.</p> <p>PANDORA realistically responds to actions taken to enable real individual training value and the development of complete skill sets. Pandora will train at all levels of response, from management and control to all the on-scene activities for the emergency organizations. Furthermore, different crisis room will be able to interact, thus recreating a near-real interconnected cross-borders environment.</p>
TA/SG	TA 4
Riferimento Bando	FP7-ICT-2007-1- 225387 – PANDORA
Valore del progetto	€ 4.000.000.00
Pubblicazioni	<p>Liz Bacon, Lachlan MacKinnon, Amedeo Cesta, Gabriella Cortellesa Developing a Smart Environment for Crisis Management Training Journal of Ambient Intelligence and Humanized Computing (appeared online March 2012 - DOI: 10.1007/s12652-012-0124-0)</p> <p>Riccardo De Benedictis and Amedeo Cesta New Reasoning for Timeline Based Planning. An Introduction to J-TRE and its Features ICAART 2012. Proceedings of the 4th Int. Conf. on Agents and Artificial Intelligence, Vilamoura, Algarve, Portugal, February 2012 [Awarded Best Conference Paper in AI]</p> <p>Mohammad Dastbaz and Amedeo Cesta Simulations for Crisis Management - PANDORA's Box Chapter 8 of Babak Akhgar & Simon Yates (Eds), Intelligence Management, Springer, pp.111-131, 2011</p>

	<p>Amedeo Cesta, Gabriella Cortellessa, Riccardo De Benedictis and Keith Strickland Using Planning to Train Crisis Decision Makers AI*IA 2011. 12th International Conference of the Italian Association for Artificial Intelligence, Palermo, Italy, September 15-17, 2011. Proceedings. LNCS N. 6934, Springer, pp. 336-347, 2011</p> <p>Gabriella Cortellessa, Rita D'Amico, Marco Pagani, Lorenza Tiberio, Riccardo De Benedictis, Giulio Bernardi and Amedeo Cesta Modeling Users of Crisis Training Environments by Integrating Psychological and Physiological Data IEA/AIE 2011. Proceedings of the Twenty-fourth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, Siracuse, NY, June 28 - July 1. Proceedings. LNCS N.6704(2), pp.79-88, Syracuse, NY, USA, 2011</p> <p>Giulio Bernardi, Amedeo Cesta, Luca Coraci, Gabriella Cortellessa, Riccardo De Benedictis, Francois Mohier, Jure Polutnik and Miha Vuk Only Hope remains in the PANDORA's .jar -- ersasive use of planning in a training environment Proceedings of the System Demonstrations at ICAPS-11, pp.10-13, Freiburg, Germany, June 14, 2011 [Awarded Best System Demonstration]</p> <p>Amedeo Cesta, Gabriella Cortellessa, Riccardo De Benedictis and Keith Strickland Opening the PANDORA-BOX: Planning and Executing Timelines in a Training Environment SPARK 2011. Proceedings of the Scheduling and Planning Application Workshop at ICAPS-11, pp.15-22, Freiburg, Germany, June 13, 2011</p> <p>Amedeo Cesta, Gabriella Cortellessa, Riccardo De Benedictis and Keith Strickland Training Crisis Managers in Strategic Decision-Making ERCIM News, N.85:47-48, 2011</p> <p>Irene Celino, Daniele Dell'Aglio, Riccardo De Benedictis, Sara Grilli and Amedeo Cesta Ontologies, Rules and Linked Data to Support Crisis Managers Training IEEE Learning Technology Newsletter, Special theme: Semantic Web Technologies for Technology Enhanced Learning, 13(1):3-7, IEEE, 2011</p>
<p>Curriculum</p>	