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## EDITORIAL

Welcome to the first issue of the SCS M&S Magazine of the year 2013! We wish you all the best for the still new year and hope that we will be able to improve into an even more active publication venue for the Society for Modeling and Simulation.

We are going into our third year under the editorial lead of Andreas Tolk, Francesco Longo, and Il-Chul Moon. We were able to recruit papers that are successful enough to be referenced in indexed publications. We also successfully registered the SCS M&S Magazine for its own ISSN to facilitate referencing it. The next step is to get our magazine into an index. We are preparing the inclusion into SCOPUS, but like all good things: it takes time and effort.

One of these efforts is to recruit good papers. When speaking with potential contributors we are very often in a Catch 22 situation: good authors ask us whether we are indexed, but in order to make it onto the index, we need more papers by good authors (which in our case means: we need more papers, as those we got are all very good). And your effort is not wasted: once we are on the index, all issues will be indexed as well. If you have an idea worth to be discussed: Submit your paper to the SCS M&S Magazine!

I have to admit that I am a little bit disappointed that our Letter to the Editor section is still not populated with your feedback. We definitely had some discussion worthy topics in the recent issues, from the new role of netizens in social activities to the definition of a scholar. We addressed new management challenges for M&S development and introduced the ideas of Scrum, but we received no comments, feedback, criticism, etc. I have a hard time believing that nobody in SCS has anything to say or write regarding these contributions.

### In this issue, we feature three main articles:

- Kyung-Min Seo, Changbeom Choi, and Tag Gon Kim writing about their ideas Toward a Discrete Event Simulation based Structure Modeling Approach for Naval Underwater Warfare. Although the application domain is defense, the ideas proposed in the paper are based on general principles applicable in other domains, such as transportation or healthcare, as well.
- Alfredo Garro, Francesco Longo, and Letizia Nicoletti evaluating in their paper Disaster Management: A Serious Game Architecture Centered on a Modeling and Simulation Infrastructure new approaches to better utilize heterogeneous methods in support of managing actions to address natural and manmade disasters. The ideas address the integration of agent-based models with game-based approaches and motivate task specific management platforms for application domain itself as well as for the management of the players as well as for the scenario. As with the first paper, these ideas are generalizable and can improve the quality of other M&S domains as well.
- The final paper lies slightly out of the comfort zone of typical SCS members. Anthony Dekker and Dante Suarez describing Towards a Science of M&S: The 5th Epistemological Perspectives on Simulation (EPOS) Conference. While many readers are starting to get comfortable with the idea of ontologies (answering the question "What exist?" for the domain), the idea of using epistemologies (answering the question "How to we Come to Know?") is relatively new. However, we have to address our philosophical underpinnings if we take the idea of M&S as its own discipline serious.

Overall, the articles reflect an interesting subset of ideas currently developed and applied within our society. I am looking forward to receive your reaction as letters to the editor or as full-blown papers. Again, Happy New Year 2013, and I hope to see you on SCS conferences and read from you in contributions.

Andreas Tolk, EiC, January 2013

**ARTICLES IN THIS ISSUE**

**TOWARD A DISCRETE EVENT SIMULATION BASED STRUCTURAL MODELING  
APPROACH FOR NAVAL UNDERWATER WARFARE**

**TOWARDS A SCIENCE OF M&S:  
THE 5TH EPISTEMOLOGICAL PERSPECTIVES ON SIMULATION CONFERENCE**

**DISASTERS MANAGEMENT: A SERIOUS GAME ARCHITECTURE CENTERED ON A  
MODELING AND SIMULATION INFRASTRUCTURE**

**AUTUMNSIM'12 DEFENSE AND MILITARY MODELING  
AND SIMULATION HIGHLIGHTS**

**CUTTING COSTS AND IMPROVING OUTCOMES FOR  
I&C TECHNICIANS AND MAINTENANCE STAFF**

