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Machine Intelligence and Bio-inspired Computation: Theory and Applications VII

**Misty Blowers
Olga Mendoza-Schrock**
Editors

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Introduction

The “Machine Intelligence and Bio-inspired Computation: Theory and Applications VII” conference was back by popular demand, settling into its seventh year at the SPIE Defense, Security, and Sensing 2013 symposium. Numerous interesting presentations were made by some of the brightest luminaries in the Computational Intelligence and Defense communities; covering such topics as advanced approaches for image processing, information fusion, remote sensing, and machine learning applications to cyber operations (new this year!).

As always, any conference is only as good as the planners, authors, presenters and attendees make it. Despite all the challenges affecting government spending, we still had a great turn-out. Special thanks to Capt. Jonathan Williams who stepped in as conference co-chair and who was instrumental in helping the conference run smoothly. Some attendees traveled at their own personal expense, which speaks volumes to the quality and dedication to this conference. For those of you who attended, we hope you came away a little more enlightened than when you arrived. We sincerely hope you appreciate the papers that follow, and that they serve to foster further research into, and application of, evolutionary and bio-inspired computation. We look forward to seeing you next year at “Machine Learning and Bio-Inspired Computation: Theory and Applications VIII,” to be held at the SPIE Defense, Security, and Sensing Symposium in the Baltimore Convention Center, Baltimore, MD.

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