

Best Paper Awards of Complex Adaptive Systems 2018

APPLICATION AWARDS

Best Paper

Robust Virtual Welding Process Optimization

Vijay K. Yalamanchili, Diego A. Galindo and Justin C. Mach
Caterpillar, Deerfield, IL (USA)

First Runner-Up

**Exploring Recurrent and Feedback CNNs for Multi-
Spectral Satellite Image Classification**

**Nevrez Imamoglu, Pascual Martinez-Gomez, Ryuhei Hamaguchi,
Ken Sakurada and Ryosuke Nakamura**
*Artificial Intelligence Research Center
National Institute of Advanced Industrial Science and Technology
Tokyo (Japan)*

Second Runner-Up

**An Application Study of DNA Structural Properties for
Promoter Prediction with Wavelet and
Support Vector Machine**

Makihiko Sato
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Maebashi Institute of Technology
Maebashi-City (Japan)*