

Recent Conference Publications:

1. Sankha Subhra Mullick, Shounak Datta, **Swagatam Das**. Generative Adversarial Minority Oversampling, *International Conference on Computer Vision (ICCV 2019)*, Seoul, Korea, Accepted, Oct. 27 - Nov. 02, 2019. (arxiv link: <https://arxiv.org/abs/1903.09730>)
2. Debolina Paul, Saptarshi Chakraborty, **Swagatam Das**, and Ivan Zelinka. On the non-convergence of differential evolution: some generalized adversarial conditions and a remedy. In *Proceedings of the Genetic and Evolutionary Computation Conference Companion (GECCO '19)*, Manuel López-Ibáñez (Ed.). ACM, New York, NY, USA, 265-266. DOI: <https://doi.org/10.1145/3319619.3322007>.
3. Quoc Bao Diep, Ivan Zelinka, and **Swagatam Das**. Self-organizing migrating algorithm for the 100-digit challenge, In *Proceedings of the Genetic and Evolutionary Computation Conference Companion (GECCO '19)*, Manuel López-Ibáñez (Ed.). ACM, New York, NY, USA, 3-4. DOI: <https://doi.org/10.1145/3319619.3326750>.
4. Arka Ghosh, Rammohan Mallipeddi, **Swagatam Das**, Asit Kr. Das: A Switched Parameter Differential Evolution with Multi-donor Mutation and Annealing Based Local Search for Optimization of Lennard-Jones Atomic Clusters. *IEEE Congress on Evolutionary Computation (CEC) 2018*: 1-8, Brazil.
5. Arka Ghosh, **Swagatam Das**, Bijaya Ketan Panigrahi, Asit Kumar Das: A noise resilient Differential Evolution with improved parameter and strategy control. *IEEE Congress on Evolutionary Computation (CEC) 2017*: 2590-2597, Spain.
6. Nanda Dulal Jana, Jaya Sil, **Swagatam Das**: Protein Structure Optimization in 3D AB off-lattice model using Biogeography Based Optimization with Chaotic Mutation. *4-th ACM IKDD Conference on Data Sciences (CODS) 2017*: 6:1-6:7, India.
7. Avisek Gupta, **Swagatam Das**: On the Unification of k-Harmonic Means and Fuzzy c-Means Clustering Problems under Kernelization. *9-th International Conference on Advances in Pattern Recognition (ICAPR) 2017*: 1-6, IEEE, Bangalore, India.
10. Nanda Dulal Jana, Jaya Sil, **Swagatam Das**: Improved Bees Algorithm for Protein Structure Prediction Using AB Off-Lattice Model. *21-st International Conference on Soft Computing, MENDEL 2015*: 39-52, Brno, Czech Republic.
11. **Swagatam Das**, Arka Ghosh, Sankha Subhra Mullick: A Switched Parameter Differential Evolution for Large Scale Global Optimization - Simpler May Be Better. *21-st International Conference on Soft Computing, MENDEL 2015*: 103-125, Brno, Czech Republic.
12. Subhodip Biswas, Mohammad A. Eita, **Swagatam Das**, Athanasios V. Vasilakos: Evaluating the performance of Group Counseling Optimizer on CEC 2014 problems for Computational Expensive Optimization. *IEEE Congress on Evolutionary Computation (CEC) 2014*: 1076-1083, Beijing, China.
15. Subhodip Biswas, **Swagatam Das**, P. N. Suganthan, C. A. Coello Coello: Evolutionary multiobjective optimization in dynamic environments: A set of novel benchmark functions. *IEEE Congress on Evolutionary Computation (CEC) 2014*: 3192-3199, Beijing, China.

17. Rupam Kundu, Rohan Mukherjee, **Swagatam Das**, A. V. Vasilakos, "Multi-user detection in multi-carrier CDMA wireless broadband system using a binary adaptive differential evolution algorithm", *Genetic and Evolutionary Computation Conference (GECCO)* 2013, Pages 1245-1252, Amsterdam, The Netherlands, July 6 – 10, 2013.
18. Souvik Kundu, Subhodip Biswas, **Swagatam Das**, P. N. Suganthan, "Crowding-based local differential evolution with speciation-based memory archive for dynamic multimodal optimization", *Genetic and Evolutionary Computation Conference (GECCO)* 2013, pp. 33 – 40, Amsterdam, The Netherlands, July 6 – 10, 2013.
19. Subhodip Biswas, Souvik Kundu, **Swagatam Das**, P. N. Suganthan, "Information sharing in artificial bee colonies for detecting multiple niches in non-stationary environments ", *Genetic and Evolutionary Computation Conference (GECCO Companion)* 2013, Amsterdam, The Netherlands, July 6 – 10, 2013.