

BIOMA 2016

*The 7th International Conference on
Bioinspired Optimization Methods and their Applications*
18–20 May 2016, Bled, Slovenia

CONFERENCE PROGRAM

	<i>Wednesday, 18 May</i>	<i>Thursday, 19 May</i>	<i>Friday, 20 May</i>
9:00 – 11:00		<i>Session 1</i>	<i>Session 4</i>
11:00 – 11:30		<i>Coffee Break</i>	<i>Coffee Break</i>
11:30 – 13:00		<i>Session 2</i>	<i>Session 5</i>
13:00 – 14:00	<i>Registration</i>	<i>Lunch</i>	<i>Lunch</i>
14:00 – 15:30	<i>Invited Talk I</i>	<i>Session 3</i>	
15:30 – 16:00	<i>Coffee Break</i>	<i>Coffee Break</i>	
16:00 – 17:15	<i>Invited Talk II</i>		
17:15 – 17:30		<i>Guided Tour</i>	
17:30 – 19:15			
19:30 – 20:00		<i>Conference Dinner</i>	
20:00 – 21:30	<i>Welcome Reception</i>		

Wednesday, 18 May 2016

Registration, 13:00–14:00

Conference Opening, 14:00–14:10

Invited Talk I, 14:10–15:30 (Chaired by B. Filipič)

A Survey of Model-Based Methods for Global Optimization

T. Bartz-Beielstein

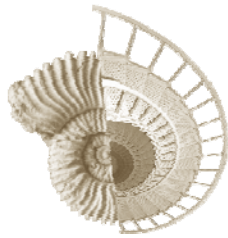
Coffee Break, 15:30–16:00

Invited Talk II, 16:00–17:30 (Chaired by P. Korošec)

Parallel Multi-Objective Evolutionary Algorithms

E.-G. Talbi

Welcome Reception, 20:00–21:30



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Thursday, 19 May 2016

Session 1, 9:00–11:00 (Chaired by M. Mernik)

1. Artificial Bee Colony Optimization Approach to Develop Strategies for the Iterated Prisoner's Dilemma
M. Rigakis, D. Trachanatzis, M. Marinaki, Y. Marinakis
2. Sensitivity Analysis of the Bee Colony Optimization Algorithm
T. Jakšić Krüger, T. Davidović
3. A Parameter Control Scheme for DE Inspired by ACO
D. Bajer, G. Martinović
4. On the Application of Complex Network Analysis for Metaheuristics
R. Šenkerik, M. Pluháček, A. Viktorin, J. Janoštik

Coffee Break, 11:00–11:30

Session 2, 11:30–13:00 (Chaired by J. Šilc)

1. Experimental Algorithmics Applied to On-Line Machine Learning
T. Bartz-Beielstein
2. Disadvantages of Statistical Comparison of Stochastic Optimization Algorithms
T. Eftimov, P. Korošec, B. Koroušič Seljak
3. The Impact of Quality Indicators on the Rating of Multi-Objective Evolutionary Algorithms
M. Ravber, M. Mernik, M. Črepinšek

Lunch, 13:00–14:00

Session 3, 14:00–15:30 (Chaired by E.-G. Talbi)

1. A Particle Swarm Optimization Hyper-Heuristic for the Dynamic Vehicle Routing Problem
M. Okulewicz, J. Mańdziuk
2. Extremal Optimization and Network Community Structure
N. Gaskó, R. I. Lung, M. A. Suciú
3. Building Ensembles of Surrogates by Optimal Convex Combination
M. Friese, T. Bartz-Beielstein, M. Emmerich

Coffee Break, 15:30–16:00

Radovljica Guided Tour, 17:15–19:15

Conference Dinner at Lectar Restaurant, 19:30–22:00

Friday, 20 May 2016

Session 4, 9:00–11:00 (Chaired by T. Bartz-Beielstein)

1. The Exponential Crossover in L-SHADE Algorithm
R. Poláková
2. Enhanced SHADE and Real-World Optimization Problems
P. Bujok, J. Tvrđík
3. Worst Case Optimization Using Chebyshev Inequality
K. Tagawa
4. The Pitfalls of Overfitting in Optimization of a Manufacturing Quality Control Procedure
T. Tušar, K. Gantar, B. Filipič

Coffee Break, 11:00–11:30

Session 5, 11:30–13:00 (Chaired by G. Papa)

1. Robust Multi-Objective Optimization of Water Distribution Networks
T. Ohno, H. Aguirre, K. Tanaka
2. A Heuristic for the Job Shop Scheduling Problem
H. Zupan, N. Herakovič, J. Žerovnik
3. Modeling and Optimization of a Robust Gas Sensor
M. A. Rebolledo C., S. Krey, T. Bartz-Beielstein, O. Flasch, A. Fischbach, J. Stork

Lunch, 13:00–14:00