IAM 2016 Chairs' Welcome

It is our great pleasure to welcome you to the *1st IAM Workshop: Industrial Applications of Metaheuristics, co*-organized by the IRIDIA laboratory of the **Université Libre de Bruxelles (ULB)** and **ArcelorMittal**, the world's leading steel and mining company.

The workshop covers many aspects of the application of Metaheuristics in industrial environment and mainly the step from laboratory to the shop floor to meet the necessities of the industry in its real daily operations. The main areas of interest of the workshop are: success stories for industrial applications of metaheuristics, pitfalls of industrial applications of metaheuristics, metaheuristics to optimize dynamic industrial problems, multi-objective optimization in real-world industrial problems, meta-heuristics in very constraint industrial optimization problems, reduction of computing times through parameter tuning and surrogate modelling, parallelism and/or distributed design to accelerate computations, algorithm selection and configuration for complex problem solving, advantages and disadvantages of metaheuristics when compared to other techniques such as integer programming or constraint programming and new research topics for academic research inspired by real (algorithmic) needs in industrial applications.

The target audience includes researchers from both, academia and industry, senior researchers or students interested in metaheuristics and their use in industrial applications.

The call for papers attracted submissions from Asia, Europe and United States. The program committee reviewed and accepted the following papers:

Venue or Track	Reviewed	Accepted	Ratio
Full Technical Papers	6	4	66%

The technical presentations are complemented by the invited talk presentation by Prof. Dr. Thomas Bartz-Beielstein (Cologne University of Applied Sciences Faculty of Computer Science and Engineering Sciences), and software demonstrations given by the workshop organizers.

From *IAM2016,* we would like to thank the authors for providing their contributions to enrich the content of the event. We are grateful to the program committee, who worked very hard in reviewing papers and providing feedback for authors. Finally, we would like to thank the GECCO workshop chairs for support in organizing the workshop.

Silvino Fernández Alzueta   **Thomas Stützle**
Workshop Chair   *Workshop Chair*

Pablo Valledor Pellicer
Workshop Chair

IAM 2016 Organization

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