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Conference Report on 2017 IEEE Congress on Evolutionary Computation (IEEE CEC 2017)

The IEEE Congress on Evolutionary Computation 2017 (IEEE CEC 2017) was successfully held in Donostia/San Sebastian (Spain) between 5th and 8th of June. The conference gathered over 450 researchers and practitioners from more than 35 different countries to discuss about Evolutionary Computation, its extensions and applications. The Evolutionary Computation field and more general Natural Computation groups together algorithms and methods whose main characteristic is that they are inspired by natural processes such as the evolution of the species in the natural environment, the behavior of ants, etc.

The conference featured many scientific and exciting social activities. From the scientific point of view it offered 25 tutorials given by experts in the most relevant and emerging topics of evolu-

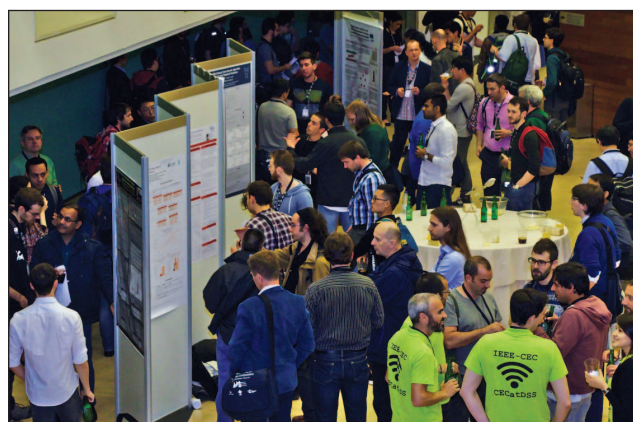


Reception at Miramar Palace.

tionary computation and related fields. These tutorials covered cutting-edge topics in the field as well as introductory materials for those who wish to enter the matter. The quality of these tutorials was highly evaluated by the attendants, taking into account a survey filled in by 100 of the attendees.

For the main scientific program we received 622 submissions from authors of over 60 different countries. Under the guidance of the program chair, Prof. Carlos Coello, technical co-chairs and the help of special session organizers, 358 were accepted for publication in the proceedings for a 57% acceptance rate.

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Poster Session.



Award Banquet.



Pioneer Award.



Meritorious Award.

The accepted papers represented a view of the latest advances in the area and anticipated the next steps in our commitment on mimicking nature to solve real practical problems. Some of these papers were grouped in 46 advanced special sessions and the rest formed the regular sessions. 318 of these works were orally presented and 40 were presented by means of posters. The attendance to the sessions was remarkably high, almost filling the rooms at all times.

The keynote talks given at the conference by Sangamitra Bandyopadhyay, Rainer Storn, Kenneth V. Price and Qingfu Zhang also deserve special

attention. They covered topics as relevant for the community as multi-objective optimization, clustering and differential evolution. They were particularly motivating, making the audience ask many interesting questions.

From the social point of view the conference featured a number of activities. Particular mention goes to the reception for students, women and young professionals which grouped together over 100 people and allowed young people to interact with senior people in the field. The conference reception took place in Miramar Palace with a perfect view of San Sebastian bay.

The reception started with a typical Basque dance called auresku and was enlivened by a jazz quartet. Finally, a special mention must be made to the award banquet in the famous custom designer museum Balenciaga. During the dinner, several awards such as the evolutionary computation pioneer award were entered.

Finally we would like to thank the city of San Sebastian who strongly supported the conference by helping with its organization. To conclude, we gratefully acknowledge the support of IEEE Computational Intelligence Society for the conference.

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Conference Report on 2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2017)

For the first time in its long and prestigious history, the IEEE International Conference on Fuzzy Systems (FUZZ-IEEE) has been held in

Italy and, precisely, in the magnificent scenario of Naples, one the most vibrant and fuzzy cities of the world. The integration between the Mediterranean nature of the geographic location and the quality of new research topics introduced and discussed at the confer-

ence made FUZZ-IEEE 2017 a unique event where participants have found an important cultural humus and a challenging environment capable of stimulating the development and discussion of new ideas and forms of collaboration. As a result of this synergic approach,

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