

# ECBR'15 Chairs' Welcome

It is our great pleasure to welcome you to the *2015 ACM Workshop on Evolving Collective Behaviors in Robotics*, associated with GECCO 2015. This workshop brings together researchers interested in the automatic design of coordinated behaviors in decentralized collective systems, putting the emphasis on evolutionary robotics techniques. The goal of this workshop is to provide an updated perspective of this field, both from a theoretical and practical perspective, and to consider different areas of applicability for such techniques including design for engineering and modelling for biology. Moreover, this workshop will encourage collaboration between researchers already present at GECCO, or in other similar venues such as the Artificial Life conferences, which are not always present at the same conference.

The call for papers attracted submissions from many academic and industrial institutions from across the world. The program committee reviewed and accepted the following:

<i>Venue or Track</i>	<i>Reviewed</i>	<i>Accepted</i>	
Full Technical Papers	10	7	70%
Invited Talks	2	2	100%

We also encourage attendees to attend the keynote and invited talk presentations. These valuable and insightful talks can and will guide us to a better understanding of the future:

- *Co-evolving Morphology and Behaviour for Robotic Swarm*, Geoff Nitschke (UCT)
- *Evolution of Collective Behaviors by Minimizing Surprisal and by Micro-Macro Links*, Heiko Hamann (UPB)

Putting together *ECBR'15* was a team effort. We first thank the authors for providing the content of the program. We are grateful to the program committee and the senior program committee, who worked very hard in reviewing papers and providing feedback for authors. Finally, we thank the hosting university and ACM SIGs.

We hope that you will find this program interesting and thought-provoking and that the symposium will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.



**Abraham Prieto**  
*ECBR'15 Workshop Chair*

**Nicolas Bredeche**  
*ECBR'15 Workshop Chair*

**Evert Haasdijk**  
*ECBR'15 Workshop Chair*