

Advances in Intelligent and Soft Computing

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On Collective Intelligence



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Preface

Welcome to the proceedings of the inaugural Symposium on Collective Intelligence (COLLIN 2010). This was the first of a new series of events that will evolve over the coming years, and we were happy to hold the event in Hagen where the idea for this symposium was born. The participants visited Hagen in April, with excellent opportunities to get rain, wind and sun.

Collective intelligence denotes a phenomenon according to which the purposeful interaction between individuals creates intelligent solutions and behaviors that might not have come to existence without this concerted effort of a community. The members of such communities form a social network, typically over the Internet. They are engaged with each other over a sustained period of time to develop an area of innovation through collaboration and exchange of ideas, experiences and information. Leading-edge information and communication technologies (ICT) offer ample opportunities for enabling collective intelligence.

COLLIN aims to become the flagship conference in the areas collective intelligence and ICT-enabled social networking, which is attracting more and more researchers and practitioners from both academia and industry. The beginnings are extremely promising. We were delighted to receive contributions from different parts of the world including Australia, Korea and the United States. In fact, the success of an event like this depends on the quality of the papers and on the organizational efforts of the symposium officers and secretariat.

Each paper submitted was reviewed by at least two reviewers. The reviews concentrated primarily on originality, high quality and relevance to the theme of the symposium. In the end, 9 outstanding papers were accepted for presentation. The reasons for choosing so few were not only to make sure that the papers presented were of the highest quality, but, just as important, we wanted to avoid parallel sessions and thus facilitate interaction and exchange of ideas among participants. In addition, we invited a few renowned experts in the field to contribute to the success of this symposium with outstanding papers reporting on their most recent research.

Our special thanks go to the authors for submitting their papers to the symposium, to the international program committee, and to the numerous reviewers who did an excellent job in guaranteeing that the articles in this volume are of very high quality.

On the organization side, we are indebted to all the symposium officers for their generous, invaluable help and support in all aspects of the organization of this symposium. In particular, the local arrangements team, led by Henrik Ickler, did an outstanding job under great time pressure. We also thank Dr. Peng Han for managing the registrations, and special thanks are due to the Gesellschaft der Freunde der FernUniversität e.V. who generously sponsored the social events of this symposium.

April 2010

Theo Bastiaens
Ulrike Baumöl
Bernd Krämer

Organization

COLLIN 2010 Symposium Organization

COLLIN 2010 was jointly organized by the Faculty of Cultural and Social Sciences, the Faculty of Economics and the Faculty of Mathematics and Computer Science of FernUniversität in Hagen.

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Ulrike Baumöl	FernUniversität in Hagen, Germany
Bernd J. Krämer	FernUniversität in Hagen, Germany

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Henrik Ickler	FernUniversität in Hagen, Germany
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