Welcome to the 11th International Conference on Application of Concurrency to System Design (ACSD 2011). ACSD is a forum for the development of leading research in concurrent systems, where the synergy between theory and practice is explored. The motivation of this conference is to tackle these problems in industry where a formal perspective is mandatory for deploying a satisfactory solution. This year ACSD takes place in Newcastle Upon Tyne, England, and is held in conjunction with the 32nd International Conference in Application and Theory of Petri Nets and Other Models of Concurrency (Petri Nets 2011).

ACSD and Petri Nets share a set of invited lectures from prestigious researchers: Alessandro Giua, Monika Heiner, Brian Randell, Walter Vogler, and Tomohiro Yoneda.

There were 42 paper submissions from researchers in different countries around the world: Austria (2), Canada (2), China (2), Denmark (6), Finland (6), France (40), Germany (24), India (3), Ireland (1), Italy (3), Japan (2), Nepal (1), Netherlands (8), New Zealand (3), Pakistan (1), Poland (2), Portugal (2), Qatar (1), Spain (3), Switzerland (6), Taiwan (3), and the United Kingdom (9). Each submission was peer reviewed by members of the Programme Committee (40) together with external reviewers (61). Altogether, 171 reviews were written (around 4 reviews per paper), and interesting discussions followed to converge into 20 papers (including short and tool papers) being accepted for presentation at the conference and publication in the proceedings.

We are grateful to the Organizing Committee for coordinating this event, and the IEEE publishing services for assembling the proceedings. The development team of the EasyChair conference management system also deserves acknowledgment, due to the enormous time saved by using this system for the review process. Finally, we would like to express our gratitude to the two motors of this event: authors, for their valuable contributions, and members of the Steering and Programme Committees.

We have been the helpless witnesses of the most tragic natural and technological disasters in 60 years of Japanese history. Our sympathy goes to the Japanese people to whom we wish a fast relief and recovery. Due to the aforementioned problems, the conference could not be located in Kanazawa for this year, as had been planned.

We wish all participants a very good conference.

Benoît Caillaud
Josep Carmona
ACSD 2011 Programme Committee Chairs

Kunihiko Hiraishi
Maciej Koutny
Alex Yakovlev
ACSD 2011 General Chairs