Logics, Agents, and Mobility. Extended Papers from the International Workshops LAM'10 and LAM'11

Preface

_____

This special issue of Fundamenta Informticae contains extended versions of selected papers presented at the Third and Fourth International Workshops on Logics, Agents, and Mobility (LAM'10 & LAM'11).

LAM'10 was held in July 2010 at the University of Edinburgh, Scotland, UK as a satellite workshop at the Twenty-Fifth Annual IEEE Symposium on LOGIC IN COMPUTER SCIENCE (LICS 2010).

LAM'11 was held in September 2011 at RWTH Aachen, Germany as a satellite workshop at Twenty-Second International Conference on CONCURRENCY THEORY (CONCUR 2011).

The aim of the LAM series of workshops is to bring together active researchers in the areas of logics and other formal frameworks for the modeling and analysis of dynamic or mobile systems. Many different approaches exist, some of which focus on resources, others focus on locations and locatedness, and yet others focus on communication. Coverage ranges from mathematical foundations to the practical analysis of protocols. The papers presented at the LAM workshops reflected this diversity. Consequently, the selected papers for this issue cover a wide range of topics: multi-modal logics, substructural semantics, π calculus and co-intuitionistic logics, proof theory, constraint automata, and object Petri nets. These topics are addressed in a variety of settings stretching from web programming to contextual information processing.

All papers in this issue have been thoroughly revised and extended compared to the original LAM contribution. We cannot claim that the selection covers the whole area in a meaningful way, but hope that the contributions will give some insight into a few important results of research carried out in recent years.

Berndt Müller

bmuller@glam.ac.uk

and

Melvin Fitting

melvin.fitting@lehman.cuny.edu

June 2013