

Preface

Welcome to the proceedings of CyPhy 2016: the 6th International Workshop on Design, Modeling and Evaluation of Cyber Physical Systems, which was held on October 5, 2016, in Pittsburgh. This edition of CyPhy was held in conjunction with the Embedded Systems Week, which was organized during October 2–7, 2016, in Pittsburgh, USA.

For this edition, we received 14 submissions. All submission underwent a rigorous review process and each submission was reviewed by at least three, and on average more than four, Program Committee members. The committee decided to accept nine papers, which were presented in the workshop, and of which the revised versions appear in this proceedings volume.

In addition to the contributed papers and presentations, the program featured a keynote presentation by Dr. Jyotirmoy Deshmukh from Toyota. The keynote presentation, of which an abstract is included in this volume, skillfully integrated the scientific rigor of formal methods with the industrial complexity of cyber-physical systems in the automotive domain.

This was the sixth edition of CyPhy and we are glad to see that it has an established tradition and has found a stable place in the landscape of cyber-physical systems research venues.

We would like to gratefully acknowledge the effort of our distinguished Program Committee members for their extensive effort in reviewing papers and for helping us compose a high-quality program. We thank the additional reviewers for their review reports. We would like to thank the Steering Committee of CyPhy and its general chair, Walid Taha, for their help, support, and confidence.

We express our best thanks to Ferenc Bartha and Scott Hissam for having chaired the CyPhy 2016 sessions. We appreciate the valuable contribution of EasyChair and Springer in the seamless organization of the submission, review, and publication processes.

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