

This volume contains the proceedings of the 3rd International Workshop on Sets and Tools, SETS 2018. This workshop was held in Southampton, United Kingdom, on June 5, 2018, as part of the 6th International ABZ Conference ASM, Alloy, B, TLA, VDM, Z, ABZ 2018. The workshop aims at bringing together researchers interested in set theory, especially to design tools for dealing with set theory, such as interactive or automated theorem provers, proof checkers, theories for general purpose proof tools, constraint solvers, programming languages etc.

The first edition, SETS 2014, was held in Toulouse, France and was affiliated to ABZ 2014. The second edition, SETS 2015, was held at Oslo in Norway and was affiliated to FM 2015.

We received seven papers. After the reviewing process, the Program Committee decided that all of them could be presented at the workshop. However, only six of them were accepted to be part of these proceedings. The workshop program was enriched by the opening keynote of Michael Leuschel, professor from Heinrich Heine Universität, Düsseldorf, on *Solving Set Constraints in B and Event-B: Foundations and Applications*.

We would like to thank the Program Committee and the additional reviewers for their work. The process of reviewing and selecting papers was significantly simplified using EasyChair. We would like to thank Colin Snook, organizer of the 7th Rodin User and Developer Workshop, for helping us with the diffusion of our workshop along with his. Finally many thanks to Michael Leuschel for his invited talk.

June 2018

Maximiliano Cristiá  
David Delahaye  
Catherine Dubois  
Editors

Copyright © 2018 for the individual papers by the papers' authors. Copying permitted for private and academic purposes. This volume is published and copyrighted by its editors.