



### Springer books available as

 Printed book

Available from [springer.com/shop](http://springer.com/shop)

 eBook

Available from your library or  
▶ [springer.com/shop](http://springer.com/shop)

 MyCopy

Printed eBook for just  
▶ € | \$ 24.99  
▶ [springer.com/mycopy](http://springer.com/mycopy)



## Programming and Software Engineering

Subseries of Lecture Notes in Computer Science

Scope:

Application-Relevant Aspects of Programming and Systems Theory (Semantics, Programming Languages, Formal Methods) - Software and Systems Engineering - Software Management - Information Technology

### Recently published:

M.H. ter Beek, A. McIver, J.N. Oliveira (Eds.)

#### Formal Methods – The Next 30 Years

Third World Congress, FM 2019, Porto, Portugal, October 7–11, 2019, Proceedings, Vol. 11800

P. Fodor, M. Montali, D. Calvanese, D. Roman (Eds.)

#### Rules and Reasoning

Third International Joint Conference, RuleML+RR 2019, Bolzano, Italy, September 16–19, 2019, Proceedings, Vol. 11784

D. Beyer, C. Keller (Eds.)

#### Tests and Proofs

13th International Conference, TAP 2019, Held as Part of the Third World Congress on Formal Methods 2019, Porto, Portugal, October 9–11, 2019, Proceedings, Vol. 11823

### Upcoming Volumes:

C. Gaston, N. Kosmatov, P. Le Gall (Eds.)

#### Testing Software and Systems

31st IFIP WG 6.1 International Conference, ICTSS 2019, Paris, France, October 15–17, 2019, Proceedings, Vol. 11812

C. Yu-Fang, C.-H. Cheng, J. Esparza (Eds.)

#### Automated Technology for Verification and Analysis

17th International Symposium, ATVA 2019, Taipei, Taiwan, October 28–31, 2019, Proceedings, Vol. 11781

H. Hojjat, M. Massink (Eds.)

#### Fundamentals of Software Engineering

8th International Conference, FSEN 2019, Tehran, Iran, May 1-3, 2019, Revised Selected Papers, Vol. 11761

K.-D. Schewe, N.K. Singh (Eds.)

#### Model and Data Engineering

9th International Conference, MEDI 2019, Toulouse, France, October 28–31, 2019, Proceedings, Vol. 11815

### Submission information at the [series homepage](http://serieshomepage) and [springer.com/authors](http://springer.com/authors)

Order online at [springer.com](http://springer.com) ▶ or for the Americas call (toll free) 1-800-SPRINGER ▶ or email us at: [customerservice@springer.com](mailto:customerservice@springer.com). ▶ For outside the Americas call +49 (0) 6221-345-4301 ▶ or email us at: [customerservice@springer.com](mailto:customerservice@springer.com).