

1. Record Nr.	UNINA9910483773003321
Titolo	Formal methods - fun for everybody : first international workshop, FMFun 2019, Bergen, Norway, December 2-3, 2019 : revised selected papers // Antonio Cerone, Markus Roggenbach (editors)
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-71374-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (IX, 227 p. 34 illus., 21 illus. in color.)
Collana	Communications in computer and information science ; ; 1301
Disciplina	370.285
Soggetti	Education - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Rooting Formal Methods in Higher Education Curricula for Computer Science or Software Engineering -- A Whitepaper -- Axiom Based Testing for Fun and Pedagogy -- Teaching Formal Methods for Fun Using Maude -- Fun with Formal Methods for Better Education -- Adapting to Different Types of Target Audience in Teaching Formal Methods -- Prototyping Games using Formal Methods -- Teaching Model Checking via Games and Puzzles -- Formal Methods and Cybersecurity Education -- Teaching Them Early: Formal Methods in School -- From Stories to Concurrency: How Children Can Play with Formal Methods -- When the Student becomes the Teacher -- Teaching formal methods in academia: a systematic literature review.
Sommario/riassunto	This volume constitutes the post-workshop proceedings of the First International Workshop on Formal Methods – Fun for Everybody, FMFun 2019, held in Bergen, Norway, in December 2019. The 7 revised full papers and 2 revised short papers presented in this volume were carefully reviewed and selected from 15 submissions. A white paper and two keynote papers are also included. The papers explore ways of utilizing the pathway to transforming and spreading formal methods. The vision of this workshop series is that formal methods ought to be taught in such a way that every student can have fun with it.