

13th International Conference on Fun with Algorithms

FUN 2026, May 18–22, 2026, Porquerolles, France

Edited by

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Preface

FUN with Algorithms is dedicated to the design, and analysis of algorithms and data structures, focusing on results that provide amusing, witty, yet original and scientifically profound contributions to the area. Donald Knuth's famous quote captures this spirit nicely: "... *pleasure has probably been the main goal all along. But I hesitate to admit it, because computer scientists want to maintain their image as hard-working individuals who deserve high salaries. Sooner or later, society will realize that certain kinds of hard work are in fact admirable, even though they are more fun than just about anything else.*"

The previous FUNs were held on Elba Island, Italy; on Castiglioncello, Tuscany, Italy; on Ischia Island, Italy; on San Servolo Island, Venice, Italy; on Lipari Island, Sicily, Italy; on La Maddalena Island, Sardinia, Italy; and on the Island of Favignana, Sicily, Italy. Special issues of Theoretical Computer Science, Discrete Applied Mathematics, and Theory of Computing Systems were dedicated to them.

This volume contains the papers that will be presented at the 13th International Conference on Fun with Algorithms 2026, that will take place on May 18–22, 2026, on the Island of Porquerolles in the Îles d'Hyères, Var, France. This marks the first edition of the conference outside of Italy, but keeps the small-island tradition alive.

The call for papers attracted 89 submissions, addressing a diverse variety of topics. These were reviewed by 20 program committee members. After a careful reviewing process and a thorough discussion, the committee decided to accept 40 papers. Extended versions of selected papers will appear in a special issue. The program features an invited talk on *Fun with Maps* by Bettina Speckman of TU Eindhoven.

We thank our invited speaker, Bettina Speckman, all authors who submitted their work to FUN 2026, all program committee members for their expert assessments and the ensuing discussions, and all external reviewers for their kind assistance. Thanks also go to Michael Didas and the LIPIcs team for carefully overseeing the publication of these proceedings in the LIPIcs series. The editor of this volume's participation is supported by the Fonds de la Recherche Scientifique – FNRS.

We would like to warmly thank the organizing committee composed of Shantanu Das, Anaïs Durand, Florian Galliot, Pascal Lafourcade, Nacim Oijid, and Maxime Puys. We also want to address our acknowledgment to the LIMOS (Laboratoire d'Informatique, de Modélisation et d'Optimisation des Systèmes) and LIS (Laboratoire d'Informatique et Systèmes) for their financial support. Finally, we would like to express our sincere gratitude to Solène Drouet and Béatrice Bourdieu for all their logistical support.

John Iacono

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