

# **Preface to special issue: lightweight and practical formal methods in the design and analysis of safety-critical systems**

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The papers included in this special issue of *Mathematical Structures in Computer Science* were selected from a larger set we solicited from leading research groups on both sides of the Atlantic. They cover a wide spectrum of tutorials, recent results and surveys in the area of lightweight and practical formal methods in the design and analysis of safety-critical systems. All the papers we received were submitted to a rigorous process of review and revision, based on which we made our final selection.

We would like to thank Giuseppe Longo, the editor-in-chief of *Mathematical Structures in Computer Science*, for giving us this opportunity to edit a special issue covering an area of increasing and fundamental importance in computer-science research and education.

Guest editors of the special issue.

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