# 18th International Workshop on OCL and Textual Modeling (OCL 2018)

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## Preface

In software development, modeling is often associated with the use of graphical notations such as UML and its precursors. Such visual representations enable direct intuitive capturing of reality, but they have weaknesses: for example, detailed visual representations bear the risk of becoming overcrowded faster than textual models and some of the visual features lack the level of precision required to create complete and unambiguous specifications. These weaknesses of graphical notations encouraged the development of text-based modeling languages that either integrate with or replace graphical notations for modeling. Typical examples of such languages are OCL, textual MOF, Epsilon, and Alloy. Textual modeling languages have their roots in formal language paradigms like logic, programming and databases.

The main goal of this workshop is to create a forum where researchers and practitioners interested in building models using OCL or other kinds of textual languages can directly interact, report advances, share results, identify tools for language development, and discuss appropriate standards.

This year, nine papers (seven full papers and two short papers0 haven been accepted for presentations at the workshop. Each submitted paper was reviewed by at least three members of the program committee. The accepted papers range from improving the evaluation and validation of (textual) models to enhancing the expressiveness of (textual) modeling languages to advancing the state of visual representation of complex constraints.

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