

VMBO 2020

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Preface

The importance of modeling the essence of enterprises on a level that abstracts from operational details is increasingly recognized. Two established enterprise modeling approaches are value modeling and business ontology. Business ontology provides abstract descriptions of enterprises in their business context, focusing on what is needed to create and transfer value. Value modeling is a business modeling approach that focuses on the value objects exchanged in business networks. Business ontology and value modeling research is conducted using instruments like REA (Resources, Events, Agents), the Business Model Canvas, the e3value tool set, VDML and the Enterprise Engineering framework.

The goals of the VMBO workshop series are to bring together researchers with an interest in value modeling and business ontology in order to present and discuss the current state of enterprise or business modeling and to identify key areas for further research, including, specifically but not exclusively, innovative business model design, service design, systemic trust for value exchanges, ontologies for modelling economic concepts and institutions, and value-aware systems design.

VMBO 2020 received 32 submissions and published 28 papers coming from researchers affiliated in Austria, Belgium, Denmark, France, Germany, Italy, Latvia, Luxembourg, Macedonia, The Netherlands, Norway, Sweden, Switzerland, United Kingdom, and the USA. The papers were reviewed by the program committee with the aim of discussing all relevant papers with sufficient quality during the workshop. Finally, we would like to express our gratitude to the Program Committee members and all participants for their efforts in discussing the submitted papers.

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