

# **MOBILE MULTIMEDIA SYSTEMS**

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# MOBILE MULTIMEDIA SYSTEMS

## PROEFSCHRIFT

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door

**Paul Johannes Mattheus Havinga**

geboren op 1 januari 1962  
te Groningen

Dit proefschrift is goedgekeurd door

prof. dr. S.J. Mullender, promotor, en  
dr. ir. G.J.M. Smit, assistent-promotor.

## Preface

This Ph.D. thesis is the result of research in the field of mobile multimedia computing. The research was conducted as part of the MOBY DICK project carried out at the faculty of Computer Science of the University of Twente in the Netherlands. As a project-assistant working for the group Systems Programming and Computer Architecture (later renamed to Embedded Systems) I have considered it a great privilege to have the chance to obtain my Ph.D. degree.

Although mine is the only name printed on the cover of this thesis, this work would not have been possible without my colleague and assistant-advisor Gerard Smit. Many ideas presented in this thesis have resulted from joint discussions. Working towards a Ph.D. was very pleasant and seemed very natural due to his valuable coaching and collaboration throughout all the years I worked with him at the University.

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Paul Havinga  
Hengelo, January 2000

