

# Foreword

Smart cards are playing an increasingly important role in areas such as banking, electronic commerce, and telecommunications. The Java Card<sup>1</sup> language has been proposed as a high-level language for programming multi-application smart cards. The use of a high-level language can facilitate the development and verification of software for smart cards. The modest code size and the importance of the application areas implies that it is both possible and desirable to develop and apply formal methods in the construction of safe and secure Java Card software.

The present volume constitutes the proceedings of the Java Card workshop held in Cannes, 14 September 2000. The workshop grew out of the INRIA *Action de Recherche Coopérative* “Java Card” and was organized in collaboration with the Java Card Forum. A call for papers resulted in 14 submissions of which the program committee selected 11 papers for presentation at the workshop. In addition, the workshop featured an invited talk by Daniel Le Métayer, Trusted Logic, on formal methods and smart card security. We wish to thank Catherine Godest and Maryse Renaud for their help with preparing the proceedings for this workshop.

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<sup>1</sup> It should be noted that Java Card is a trademark of Sun Microsystems.

# Organization

## Program Committee

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