

# Preface

When the authors of this book gathered for the first time in September 2009, it was with the goal to investigate how nanodust can be detected and studied in the solar system and how this knowledge can contribute to the understanding of nanodust in other cosmic environments. It quickly became apparent that each of us had a different understanding of the term nanodust and a different research approach. Coming from different fields of expertise, the discussions were full of questions to the others and our views of the topic diverse. Meanwhile, the interest in nanodust was growing, as well as the amount of observational and experimental results. In May 2010, we decided that the best approach to assemble and communicate our current knowledge would be in the form of a book addressing a specific aspect of the subject in each chapter. The book in front of you, finalized in August 2011, consists of an introduction and nine self-contained chapters. We hope it will attract readers working in space research, as well as advanced students and researchers working in related or other fields.

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