

Preface

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It gives me great pleasure to dedicate this issue of the *Journal of Statistical Physics*, devoted to old and new topics in kinetic theory, to one of the most important contributors to the subject, Carlo Cercignani, the recognized maestro of the field.

My pleasure is enhanced by the fact that Carlo is a good friend and that I, like many others, have learned much from him. There is still, more than a century after its inception, much to learn about the Boltzmann equation, and I hope that Carlo will continue teaching us for many years to come. A brief overview of Carlo's work is contained in the introduction to this issue by Cédric Villani. As is made amply clear there, Carlo is a true heir to Ludwig Boltzmann, whose centennial last year adds to the timeliness of this special issue.

This volume would not have been possible without the dedicated work of the special editors, Eric Carlen, Raffaele Esposito, Herbert Spohn and Cédric Villani. I am sure I speak for them, the contributors to the volume, and for the entire kinetic theory and statistical mechanics community, when I wish Carlo and Sylvia many more years of creativity and joy.

Joel L. Lebowitz (Editor)