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Preface

The *Journal of Organometallic Chemistry* wants to honour Hans Brintzinger as a scientist and friend on the occasion of his 60th birthday. He has revolutionized the Ziegler-Natta polymerization of olefins by introducing the *ansa*-metallocene-type catalysts as a new generation of molecularly defined catalytic organometallic compounds. The scientific world is now (ten years after the important discovery was made) convinced that metallocenes will play a major role in future olefin polymerization processes in industry, and that the isotactic propylene polymerization will by no means be the

limiting reaction. We hope that the present Special Volume on "Frontiers of Organometallic Catalysis in Olefin Polymerization" is not only considered an appropriate birthday gift for Hans Brintzinger but also indicates the present trends in this evergreen field of organometallic catalysis.

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