

Preface

The 16th International Conference on Silicon Carbide and Related Materials (ICSCRM2015) was held in Giardini Naxos, Sicily (Italy), from October 4th to October 9th, 2015. The conference provided a scientific forum on the wide bandgap semiconductor silicon carbide (SiC) for 642 participants from 28 countries.

During the conference, 357 works have been presented: 24 invited, 98 oral and 235 posters. These presentations covered most of the current research activities running on the wide bandgap semiconductor silicon carbide SiC and related materials, from fundamental material issues to power electronics applications.

The present book contains 275 papers (17 of them correspond to invited contributions). The major sections of the book collect papers in the area of material growth, characterization, processing, devices and related materials.

The success of the ICSCRM2015 in Sicily was based on the work of many people that are here acknowledged. Firstly, the Local Organizing Committee for the technical/scientific organization and the arrangement of this proceeding book, and the Local Supporting Committee of CNR-IMM for the invaluable logistic help during the conference days. In particular, special thanks to Aldo Spada for his great job on the website, which was fundamental for the overall conference organization. Then, the Technical Program Committee (TPC) for the hard work to organize the attractive program in two parallel oral sessions, and four poster sessions, and the International Steering Committee and Advisory Panel for their valuable suggestions on scientific and technical aspects. Clearly, we wish to thank all of the invited speakers for their outstanding presentation, the lectures of the Tutorial Day and all the contributors and participants. Specifically for this book, we thank also a number of reviewers who contributed to maintain the high scientific standards of this publication.

Obviously, the Sponsors of the conference are also greatly acknowledged for their financial support, which was essential for making everything going smoothly.

Last, but not least, we would like to express our sincere gratitude to Alfio Romeo and Salvatore Prestifilippo, and their staff, for their constant help and support on many organizational aspects, both on conference venue and during the last 2 years.

The next conference of this series, ICSCRM2017, will be held in Washington D.C., USA. The conference will be co-chaired by Prof. Robert Stahlbush (Naval Research Lab) and Prof. James Cooper (Purdue University).

We sincerely wish the organizers of the next ICSCRM edition a lot of success.

Catania, Italy - January 2016.

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