

Preface

The Electronics Division Meeting of the Ceramic Society of Japan has been held annually in Japan since 1981. This volume “Electroceramics in Japan XVI” is the Proceedings of the 32nd Electronics Division Meeting held on October 26 and 27, 2012. at Ookayama Campus, Tokyo Institute of Technology, Tokyo, Japan. Around 150 researchers, engineers, and students participated to discuss and exchange information concerning the latest developments in science and technology of electroceramics.

During this meeting, 27 and 46 papers were presented in the oral and the poster session, respectively. The major topics covered by this meeting include dielectric and ferroelectric ceramics, lead-free ferroelectric ceramics, energy related ceramics, thin film and nanocrystal, semiconductor, magnetic, optical, and sensor ceramics. All papers collected in this book were reviewed and accepted by the Organizing Committee.

We are extremely grateful to contributors for their support before, during, and after the meeting. We would like to thank all the authors and reviewers for their efforts to make this book a quite excellent collection of achievements of researches in all the fields of electroceramics in Japan. It is our sincere wish and hope that readers will find papers in this volume informative and helpful for their research activities as well as their educational endeavors.

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