

Preface

Makoto OKA

Director General,
Advanced Science Research Center



In the Fiscal Year 2018, the Advanced Science Research Center (ASRC) was visited by the Evaluation Committee members for the mid-term review. The Committee evaluated both the research activities of the Center and the new management team with the new Director General very highly, and showed strong support for the Reimei research program, which aims to promote international research collaborations. Also, a new research group for cross-disciplinary theoretical physics has started on the recommendation of the committee. As a part of the Japan Atomic Energy Agency (JAEA), ASRC is responsible for developing new ideas and fields of science related to the atomic energy under two major subjects, advanced actinide science, and advanced nuclear materials science. We always try to be the best and lead JAEA in the advanced science research.

This book summarizes the highlights of the research achievements of each research group throughout FY 2018. One sees high quality activities by the individual researchers of ASRC. On behalf of ASRC, I would like to express my sincere appreciation for the continuous and generous supports.