

Preface

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In April 2015, the seven-year project of Advanced Science Research Center (ASRC) has started. In the project, eleven research groups for the last five-year project were re-organized to six to focus on the following two research fields, "Advanced actinides science" and "Advanced materials science". The mission of ASRC is to develop new fields of science and technology making full use of facilities and experiences of JAEA. In addition, the Center promotes systematic campaign aiming to establish an international Center of Excellence (COE) in the field of atomic energy related basic sciences.

This issue contains the Annual Report of ASRC activities for the fiscal year 2015, which is the first year of the seven-year project cycle. Included in the issue are six articles of research highlights selected from our research activity throughout the year, and summaries of the research conducted by our six research groups.

The Center has been enjoying collaboration with colleagues and institutes in the domestic and international communities in the relevant research fields. Seven international workshops were held under the Reimei Research Program, which is conducted by ASRC. Through such effort, the Center has produced numerous scientific achievements and issued ten press releases during the year.

On behalf of ASRC, I would like to express my sincere appreciation for the generous support and collaborations, which will help us bring success to the project.