

Preface

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Advanced Science Research Center (ASRC) was established in April of 1993 and marked a quarter of a century of conducting researches in fundamental sciences. 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. Our research covers physics and chemistry in the fields of nuclear, material and environmental sciences. In FY2020, the COVID 19 pandemic forced us to reduce our research activities, in particular, international collaborations and workshops that we normally conduct through the Reimei research projects. At the same time, various online opportunities brought us a new digitalized research style, which was anticipated to come in future. I believe that the ASRC has successfully adapted to the new style, although many of us are still nostalgic for the old style.

This edition of Annual Report summarizes the highlights of the research achievements of each research group throughout FY 2020. You will see that even under the restricted conditions the researchers of ASRC have conducted high quality researches. On behalf of ASRC, I would like to express my sincere appreciation for the continuous and generous supports.