

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 FY2019, we started Advanced Theoretical Physics Research Group, which aims to develop and enhance new research ideas across the various fields of sciences of the existing research groups.

This edition of Annual Report summarizes the highlights of the research achievements of each research group throughout FY 2019. 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.