

Preface

Ryosuke Kadono, Head of CMRC

We are pleased to deliver the Annual Report 2016 of the Condensed Matter Research Center (CMRC). It covers the activities of five bottom-up research projects newly started in 2015 and three contracted projects continued since the previous midterm.

As was introduced in the previous issue, CMRC resumed its 2nd term since FY2015 for six years, holding out the ideal of condensed matter research as a basic science, under the banner “resurrection of the natural philosophy”. The organization was renewed to offer research opportunities openly to the entire staff of IMSS, and five research projects were newly approved. You will find their first reports on the progresses achieved during 2015-2016 in the following pages.

In addition, CMRC continued support for three ongoing contracted research projects directly funded by the MEXT. In view of the CMRC ideal, they continue to bring out the significance of innovative (problem-solving) researches as training arena for basic science. While two projects under the Element Strategy Initiative just reached the midpoint of the ten-year term, the Tribology project was in the 4th year of the five-year term, and gradually moving to the phase of harvesting ripe outputs. It is hoped that all these projects will make steady progress for the years to come.

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