Preface

This JSDD special issue is a selected collection of papers translated from Japanese papers published in May 2013 as “Dynamics & Design Conference 2012 (D&D2012) Tokushu-go (special issue)” of Transaction of the Japan Society of Mechanical Engineers (JSME). The D&D conference is an annual conference of Dynamics, Measurement and Control Division in JSME. In 2012, it was held at Keio University on 18th-21st September 2012, where 661 people attended and 384 studies were presented. In the special issue, thirty five full papers in Japanese have been selected among the studies presented at D&D2012.

The present special issue, also named “D&D2012 Special Issue”, and its purpose is to disseminate the up-to-date knowledge obtained by Japanese researchers to the world in the areas of dynamics, measurement and control.

Although these papers in the present special issue are translated versions of Japanese papers, all the papers were subjected to the independent review process set by JSDD editorial committee to maintain the high quality of JSDD. We would like to express great thanks to the committee members of D&D2012, the editorial committee members of JSDD and the reviewers for their dedicated contribution to this issue.

We hope that this special issue helps you understand the current state of the researches in the area of dynamics, measurement and control and encourages further developments in this research area.

Editor-in-Chief of the D&D2012 special issue

NISHIMURA, Hidekazu, Dr., Professor
Graduate School of System Design and Management, Keio University
h.nishimura@sdm.keio.ac.jp