Table of Contents

Preface, Committees and Sponsors

Chapter 1: Advanced Materials Engineering and Processing Technologies

Chapter 2: General Mechanical Engineering and Applied Mechanics

Chapter 3: Power Engineering

Chapter 4: Power Electronics and Electrical Engineering

Chapter 5: Mechatronics, Robotics and Control

Chapter 6: Measurements and Sensors

Chapter 7: Signal and Image Processing, Data Mining and Computational Mathematics

Chapter 8: Communication, Networks and Information Technologies

Chapter 9: Product Design and Industrial Engineering