PREFACE

Dear Authors and Guests

It is our pleasure to warmly welcome you to 13th International Conference Robtep 2014, held on May 15th – 17th 2014, Strbske Pleso, High Tatras, Slovakia.

The Robtep 2014 conference is organized within the project "Research of the Modules for Intelligent Robotic Systems", ITMS No. 26220220141, OPVaV 2009/2.2/05 SORO.

The main objective of the Robtep 2014 conference is to bring together leading researchers, engineers and scientists in the fields of interest from Slovakia and from around the world in order to provide a platform for researchers, engineers, academicians as well as industrial professionals to present their latest experiences and developments activities in the field of robotics and manufacturing systems, provide opportunities for participants to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

All papers published in this volume have been peer reviewed through processes administrated by the proceedings editors and reviewers. Reviews were conducted by experts referees to the professional and scientific standards. The conference program is rich, we would like to thank to all who presented their papers and results of their research. We'd like to extend our thanks to members of scientific committee for their effort to the conference; especially, we'd like to thank to members of organizing committee for their hard working; finally, we would like to express our appreciations to the all participants of Robtep 2014 conference.

With our warmest regards

prof. Ing. Mikulas Hajduk, PhD.

Conference Organizing Chair









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