The Dynamics of Vehicles on Roads and on Tracks

Edited by
Masato Abe
THE DYNAMICS OF VEHICLES
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PREFACE

The 18th Symposium of the International Association for Vehicle System Dynamics was held at Kanagawa Institute of Technology (KAIT), Atsugi, Kanagawa, Japan August 24-30, 2003. The symposium was hosted by KAIT as one of the memorial events of the 40th anniversary of KAIT.

Though overwhelming numbers of high quality papers were applied in response to the call for papers for the presentation at the symposium, the Scientific Committee accepted 89 papers for the oral presentation and 38 for the poster presentation. Finally 82 papers were presented at the oral sessions and 29 papers at the poster sessions in the symposium. There were five States-of-the-Arts papers presented at the plenary sessions in the symposium and they have been published in a special issue of the journal “Vehicle System Dynamics”, Volume 40, Number 1-3, 2003.

We registered 211 distinguished scientists and engineers with 19 accompanied persons from 25 different countries. We had plenary sessions and two road/rail parallel sessions in the morning and three parallel sessions in the afternoon through the symposium week with the technical visits in the Wednesday afternoon. Around two thirds of the papers presented were from road and remainders were from rail.

The IAVSD thanks the companies and organization, Toyota Motor Corporation, Nissan Motor Co., Ltd., Honda R&D Co., Ltd., Hitachi Unisia Automotive, Ltd., Sumitomo Metal Industries, Ltd., Odakyu Electric Railway Co., Ltd. and Suzuki FOUNDATION for their financial supports for the symposium.

I would like to thank all the members of the Board of IAVSD, the members of the Scientific Committee, the local organizing committee members in Japan and all the members of the local operating committee in KAIT for their supports and hard works for a success of the symposium. Finally I would like to thank Kanagawa Institute of Technology for hosting this successful symposium.

I believe that the papers presented at the symposium and published in this supplement issue will contribute to give you informative ideas and encourage you for your further research and development works in the fields of vehicle system dynamics.

October 27, 2003

Prof. Masato Abe
Chairman of the 18th IAVSD Symposium