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VŠB -Technical University of Ostrava

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University of Mining and Metallurgy in Cracow

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Foreword

The department of Control Systems and Instrumentation from the Faculty of Mechanical Engineering VŠB –TU Ostrava is organizing the 3rd International Carpathian Control Conference - ICCC'2002 in cooperation with partner faculties from Poland and the Slovak Republic.

The aim of the conference is to support the exchange of information and experience in the field of automation in engineering and production, in research, applications and education. The conference will enable the presentation of the most recent advances in complex mechanization, robotics, control of production and technological processes, including quality control systems oriented on the environment, means of support, and information technologies.

ICCC conferences demonstrate every year their solid position at large selection of science-research events with an international range and with a special reputation even on a social level. The ICCC conference has been markedly a sign of our times as an effective platform for the meeting of teachers, science co-workers and Ph.D. students with specialists from industrial companies and other institutions. Two parts of ICCC are organized in the year 2002, the first one is a Student Competition - **STOC 2002** as a Student Workshop (25th April in Ostrava) and the second – the main part is the International Carpathian Control Conference - **ICCC'2002** at Beskydy – Malenovice, Petr Bezruč Hotel.

The goals of ICCC'02 are to present of R&D project results, the reciprocal interchange of participant's information and experience, and the retrieval of possibilities for cooperation on common projects, mainly with Ph.D. students. The next goal of this conference is to introduce the wider specialized public, experts and scientific workers from universities, research institutions, industry, design and supply organisations to the most up-to-date information from the areas of automation, measuring, diagnostic and control systems, program systems for control, SCADA/HMI systems, CAD, and other areas, and to provide an exchange of experience.

The main topics of ICCC'02, in eight sessions, are:

1. Measurement, monitoring and diagnostics.
2. Identification, modeling and simulation of processes and systems.
3. Control systems and instrumentation.
4. Robotics and automation.
5. Information systems (SCADA/HMI, GIS, MES) and their Internet support.
6. Engineering application of informatics.
7. Quality control systems (TQM), production management and industrial logistics.
8. Engineering education in Control and Computer systems.

The new line of international conferences ICCC was established in the year 2000 (ICCC'00 Podbánské, ICCC'01 Krynica) in cooperation with partner technical universities - TU Košice (faculty BERG), AGH Cracow (faculty FMIR) and VŠB-TU Ostrava (faculties FME and MGF). This migratory action will be periodically held by co-operating faculties from Poland, Slovakia and the Czech Republic and we hope that in the next few years also in further countries.

We welcome all participants of ICCC'02 to the surroundings of the lovely Beskydy mountains below the mountain Lysá hora and we hope, that the agenda and spirit of the conference will be gratifying and friendly for everybody.

Assoc. Prof. RNDr. Lubomír SMUTNÝ, Ph.D.
Chairman of ICCC'02

Prof. Ing. Antonín VÍTEČEK, Ph.D.
President of Int. Program Committee

Beskydy-Malenovice, May 27, 2002

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