

Ladies and gentlemen,

You have just opened the proceedings of the **STUDENT EEICT 2003** international competition. The abbreviation in the name of this event is derived from the terms **Electrical Engineering, Information and Communication Technologies**, which describe the priority specializations of the faculties participating at the competition – Czech, Slovak and German faculties of electrical engineering, computer science and related specializations.

The competition is aimed to motivate students in working on industrial and grant projects, which is more difficult than a simple defending a diploma thesis. Industrial and grant projects require a significant invention of the researcher and a huge portion of her (his) creativity. Naturally, the perfect engineering processing of the project is the matter of course.

In these proceedings, you can find papers describing the students' competitive projects. These projects were reviewed by academicians of the faculties nominating competitors, were corrected and rearranged by authors in order to meet suggestions of reviewers, and now, they are ready to be defended in front of commissions consisting of industrial specialists, university people and representatives of students.

Brno University of Technology, Faculty of Electrical Engineering and Communication, and Faculty of Information Technology have successfully organized 9 editions of local student's competition in creative activities. Therefore, they were nominated to prepare the first international competition, which enables a mutual comparison of the quality of students of different universities, which helps participants to inform each other about the directions of their research, which enables to build closer relations between academicians and students from different universities and different countries.

I hope the international edition of the **STUDENT EEICT 2003** competition is successful for all the participants. Students cannot only win prizes but also can hear the opinion on their projects from the specialists from different universities, they can build international contacts. Teachers can compare results reached by their students with results of students supervised by their colleagues.

I hope we spend a pleasant time during the competition. We obtain new information and further motivation to our research and educational activities.

Good luck to all of you.

Prof. Radimír Vrba

*Dean of the Faculty of Electrical Eng. and Communication
on behalf of all the organizers*