



Audacity, professionalism, creativity, teamwork Not far from the world record

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- ▶ 6 months, thousands of working hours
- ▶ The Hungarian engineering industry teamed up again
- ▶ Hundreds of engineers were playing on the playground

Budapest - One of the pinnacles of the gigantic event called *Engineers' Playground*, organised in Millenáris Park on Saturday by the Bosch Group, was the introduction of the 15 finalist Goldberg machines, telling exciting stories, which were designed, developed and built by engineering students for several months.

This year's special attraction of the Engineers' Playground was a Goldberg machine building competition, for which 64 teams were entered from all technical higher education institutions in the country, as well as from abroad. This number is another proof of the fact that the contest launched by Bosch brings to life more and more creative ideas of young engineers within the country and abroad. This is partly due to the fact that over the past years Bosch has established a close relationship with Hungarian technical higher education, and has provided considerable support for engineer training in Hungary.

'In this year's engineer festival, we set the objective to promote critical thinking and problem solving, and all this in a highly non-conventional and entertaining manner. We are convinced that by providing inspiring tasks and opportunities to young engineers and simultaneously providing them with the state-of-the-art professional environment required for the exploitation of their capabilities, we will succeed in making them committed to the innovative and future-oriented approach that has made our company a must-have partner all over the world. Let me express my thanks to the cooperating technical institutions, the management of the Bosch plants in Miskolc and Hatvan, the head of the Engineering Center Budapest, the team mentors, and all my colleagues for the audacity and

enthusiasm shown in the past months', said Javier González Pareja, head of the Hungarian Bosch Group.

A total of 64 teams entered the Goldberg building competition, and 15 groups were eventually qualified for the Saturday contest. The past few months have seen dedicated and exemplary teamwork throughout the country: the engineering industry, including hundreds of students, coaching teachers and the development engineers of Bosch, teamed up again for a new common goal. The halls of Millenáris Park were filled, from early morning to late afternoon, by the clatter of balls, the buzzing of electric screwdrivers, the squeaking of rocker arms and excited hisses. At the end of the day, the creators of the machines were evaluated in 3 categories. Awards were granted to the Best Goldberg Machine achieving the highest score in all aspects, including technical implementation, the number of steps, the speed of operation, design, and the appearance of the team, and a special award was also given to the most creative team, as well as to the team from among those attempting to break the Guinness record which managed to build the machine in the largest number of steps.

The Best Goldberg Machine was created by the team *MEgoldberg* from the University of Miskolc. The prize for the Most Creative Goldberg Machine was awarded to the team *Lelkes Gépészek* from the College of Nyíregyháza. The evaluation panel rewarded the team named *Másik* from the Budapest University of Technology and Economics for the attempt to break the Guinness record. However their machine had more than 300 steps, finally it run only with some human intervention, so the team was not far from the Guinness record.

However, the Goldberg Machine Competition was only one of the highlights of the event, organised for the third time. The young experts had a chance to try their hands at various games of skill, while getting acquainted with the latest Bosch developments. At the point collection stations, all participants had to provide evidence of their creativity, initiative, and cooperativeness to tackle all the challenges of the tasks.

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The Bosch Group is a leading global supplier of technology and services. In fiscal 2012, its roughly 306,000 associates generated sales of 52.5 billion euros. Since the beginning of 2013, its operations have been divided into four business sectors: Automotive Technology, Industrial Technology, Consumer Goods, and Energy and Building Technology. The Bosch Group comprises Robert Bosch GmbH and its roughly 360 subsidiaries and regional companies in some 50 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. Bosch spent some 4.8 billion euros for research and development in 2012, and applied for nearly 4,800 patents worldwide. The Bosch Group's products and services are designed to fascinate, and to improve the quality of life by providing solutions which are both innovative and beneficial. In this way, the company offers technology worldwide that is "Invented for life."

Additional information can be accessed at www.bosch.hu