



Unique Skating Rink in Võhma

Inseneeria visited an original paraffin-based year-round skating rink in Võhma.

"Sliding on the paraffin rink takes place exactly the same way as on the ice rink," says Peter Wüthrich, a board member of the non-profit society Sinule (To You), managing the rink. "The pressure exerted by the skate blade onto the surface causes ice or paraffin blend to melt for a moment – and at this point sliding occurs. In comparison with ice, paraffin layer is a bit "slower", especially when taking first rounds," says Peter.

The main component is paraffin, obviously. Upon touching the material feels like candle paraffin but is much harder. Peter is showing a wooden board with a half-inch coating of the material saying that he is not aware of the exact composition as this material and technology has been invented and patented by a Swiss man. The skating rink in Võhma, its borders, equipment, etc have come from Switzerland where there are lots of year-round paraffin rinks. ■



Sonic Sculpture Cromatico – Concrete Building of the Year

The Estonian Concrete Society has pronounced the winners of the contest Concrete Building of Year 2011. The concrete building of year 2011 is the sonic sculpture Cromatico at the Tallinn Song Festival Field.

Composed of 12 concrete chambers the sculpture visualizes the chromatic scale on the keyboard of a piano. Each chamber resounds to a definite pitch on the scale.

Cromatico was executed under the programme Tallinn – European Capital of Culture 2011.

Cromatico renders concrete a new, acoustic role. The magic lies in the fact that it is just pure concrete, without any accessories or supplements.

For the most part, the project was a pro bono undertaking executed with sincere dedication by all parties. This is the best promotion for concrete. ■



Logica Eesti: We Are Strong in Cybersecurity and Space

In order to attain higher levels in the value chain it is not always necessary to create a brand product; a service can also be offered. Inseneeria decided to broaden its area of interest and visited Logica Eesti, a company providing business and IT services. The editor talked to Avo Kask, the executive manager, and Andres Birnbaum, the business manager.

"Every unit uses its competence," says Andres. "Our biggest fields are cybersecurity, space, geoinfo systems and so-called utilities.

In the field of space we are collaborating with the European Space Agency (ESA) – creating mission control software under the project Galileo. The German unit of Logica uses our expertise on cybersecurity in the development of satellite control and operation systems.

In the field of geoinfo systems the solution GIS 112 is being created for the emergency call centre. The system enables to quickly identify the location of the caller, give directions to the rescue team, detect the locations of hydrants, etc. Helsinki Rescue Service has been using such a system, created by Logica, for several years already." ■