

## Mobile Innovation Competition 2007

You Are Here: [Home](#) > [Events, Training & Contests](#) > [Training & E-learning](#) > [Forum Nokia for Universities](#) > [Mobile Innovation Competition 2007](#)

### Mobile Innovators Awarded at Forum Nokia Tech Days

What do you get when you mix a mobile phone with car racing, baby pictures, image management and mazes? Among other things, the winners of the 2007 Mobile Innovation Competition. The prizes were awarded at the Forum Nokia Tech Days held in Budapest, Hungary, on June 6-8.

The four finalists – mobile-development students from Denmark, Finland, Hungary and the U.K. – had previously won their national levels, beating out some 80 teams of more than 200 students from across Europe. In Budapest they had the opportunity to show their ideas and work at the European final.

And the European winner was . . . the U.K. team, which entered its TiltRacer application. The team used the built-in 3D motion sensor of the Nokia 5500 Sport phone to create a motion controller for games similar to Nintendo's Wii. The team's two members – Tamás Vajk, a Hungarian student who was studying at the Lancaster University with a four-month scholarship when he created this project, together with colleague Will Bamford – also created a small car-racing game to play with the motion-detecting Nokia 5500 phone. The two students also programmed a socket connection to the phone's Symbian operating system and to the motion sensor; through JME, they sent the signal via a Bluetooth connection to a PC. The game was developed with the C++ programming language and using the XNA framework, which means the game could later be played on an Xbox system.

The jury cited this application for its simplicity, adding that TiltRacer points to great opportunity for the mobile industry's future. Co-developer Bamford said it was fun and engaging to spend time and effort on this project. And Vajk, who did most of the programming, added that the two are also working on other interesting projects, which can be viewed on the [Mobile Radicals](#) site, see also [YouTube](#).

The team from Denmark presented an image-management application called PickPics. Team members Sylwia Bala, Olga Dmitricenko, Lasse C. H. Nielsen and Piotr Stalewski demonstrated the software's two modules: an image gallery and a memory game. The image gallery, implemented in the Python programming language for S60 phones, provides convenient ways for browsing, searching, tagging, rating and editing pictures. Users can share and exchange photos, as well as rate photos on both their own and friends' galleries. The memory game, developed using the C++ programming language, lets two players compete on Symbian-based phones over a Bluetooth connection.

The team from Finland entered with its BabySoft service, which was designed to answer the question, "What do I do with all my baby pictures?" BabySoft allows the user to upload photos, videos and notes to a Web site where they can be viewed by relatives and friends. By signing up, relatives can also receive messages when new content is made available. Team members Markku Nikkanen, Mari Nikkanen, Miikka Andersson and Jarno Väyrynen hope that in three year's time, BabySoft will become a leader in the market for electronic baby memory books.

Hungary was represented by István Engedy, who developed Rolling Ball, a 3D maze game in which the movement of a ball through a digital maze is controlled with the phone's camera. To move the ball on the screen, the user tilts the phone; as the camera senses the phone's movement, Rolling Ball's software translates that movement into the game's graphics. Engedy demonstrated his application on a Nokia N91 phone, but Rolling Ball works on various Symbian OS operated phones. Also, the game can be played by either a single person or several, the latter over a Bluetooth connection. More details can be found on the [Hungary competition site](#).

#### The Mobile Innovation Competition Participants:

- Denmark: PickPics – Sylwia Bala, Olga Dmitricenko, Lasse C. H. Nielsen and Piotr Stalewski
- Finland: BabySoft – Markku Nikkanen, Mari Nikkanen, Miikka Andersson and Jarno Väyrynen
- Hungary: Rolling Ball – Engedy István
- U.K.: TiltRacer – Tamás Vajk and Will Bamford

#### Forum Nokia Recognizes Academic Contributors

Forum Nokia also acknowledged academics at the Forum Nokia Tech Days in Budapest, Hungary, both for their contributions made while partnering with the industry and for leveraging their knowledge of Nokia platforms with developers. The following scholars were acknowledged by Forum Nokia:

- Dr. Nathan Eagle, Research Scientist Massachusetts Institute of Technology (M.I.T.), U.S.A.
- Professor Angelo Perkusich and Lecturer Hyggo Almeida, Universidade Federal de Campina Grande, Brazil.
- Senior Lecturer Tony Torp, Tampere Polytechnic University of Applied Sciences, Finland.



From left Nina Tammelin Forum Nokia, Dr. Nathan Eagle - Research Scientist Massachusetts Institute of Technology (M.I.T.) U.S.A., Lecturer Hyggo Almeida and Professor Angelo Perkusich Universidade Federal de Campina Grande Brazil, Senior Lecturer Tony Torp Tampere Polytechnic University of Applied Sciences Finland, and Harri Pennanen Forum Nokia.

#### Register Today

Register with Forum Nokia now and you'll enjoy the full benefits of the Forum Nokia membership.

[Register](#)   [Login](#)

#### Popular Tags

#### Community Highlights

#### Featured Content

[Upcoming Webinar: S60 Platform Services – Reach Further with Flash](#)

#### Application of the Week

[WaveSecure](#)

#### Just announced

[Forum Nokia no-русски!](#)

[Series 40 6th Edition in the Spotlight](#)

#### Forum Nokia Events



### Rate This

Login or Register to rate this page

How helpful was this to you?:

Overall Rating:

### User Tags


There are no tags associated with this page.

### Add a Note

Login or Register to add a note

### Community Notes

Share this page 

Invite a friend 

Bookmark this page:



© 2008 Nokia

[E-mail Newsletters](#) [Press](#) [Terms & Conditions](#) [Privacy Policy](#) [Sitemap](#) [Contact Us](#) [Regional websites:](#) [Chinese](#) [Japanese](#)