

tiltracer

Mobile Accelerometer Controller

Mobile Radicals

The Mobile Radicals are a freeform collection of dedicated mobile researchers based principally within the Infolab21 at Lancaster University. They are experts in the creation of novel mobile entertainment/commerce systems, mobile games research, web 2.0 and where 2.0 applications, and the theories associated with applied triviality. This site provides for the wider dissemination of their activities.

MobileRadicals applications include the award-winning Pac-Lan, Mobslinger, and TiltRacer applications as well as other highly innovative applications, such as LocoBlog, LocoMash, Mobslinger, BlueChute, theTxtBk, and many others...

Academics:

Dr. Paul Coulton
Dr. Reuben Edwards

Researchers:

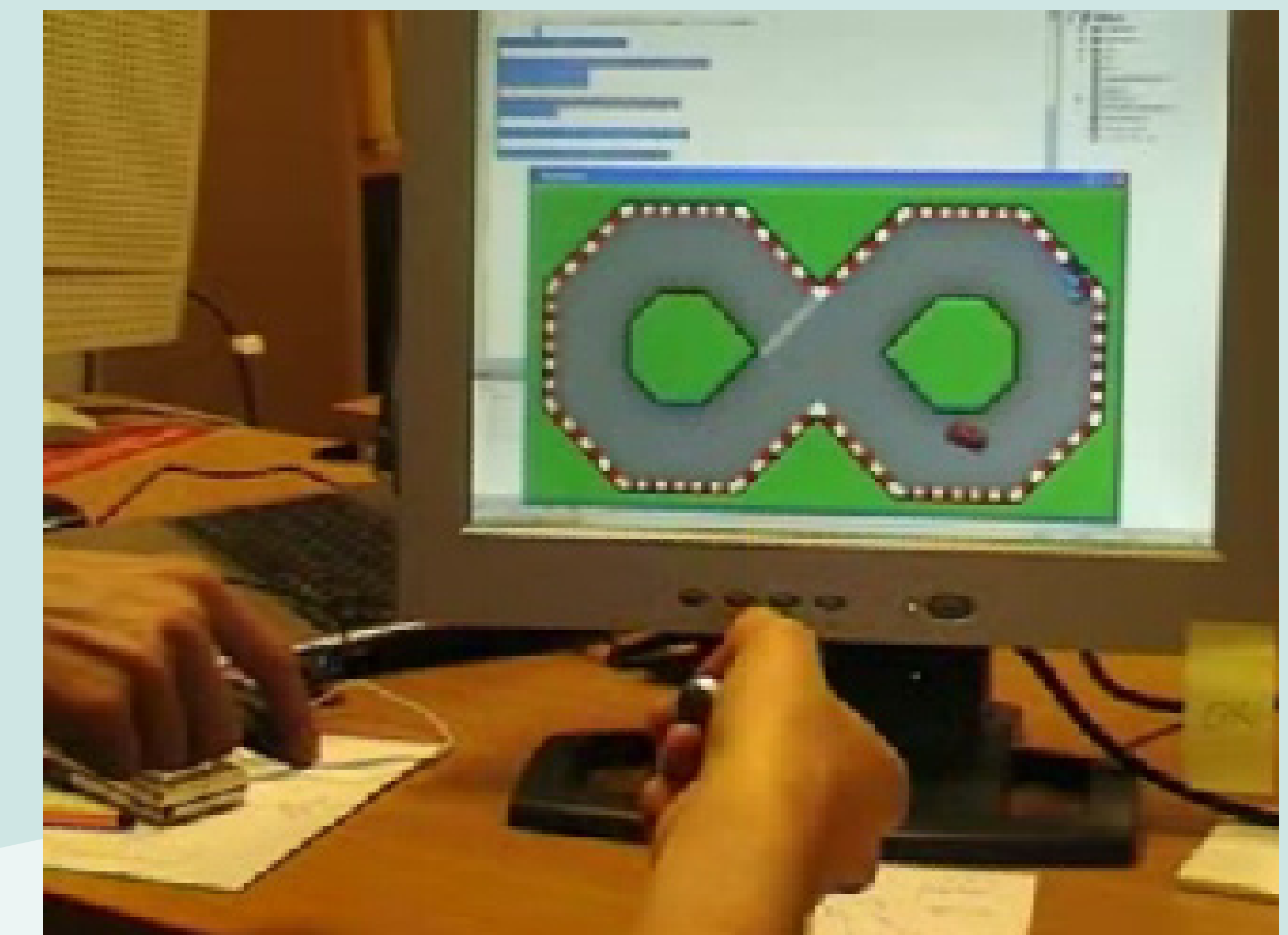
Will Bamford	Omer Rashid
Helen Clemson	Phil Garner
Fadi Chehimi	Tony Huang
Basil Dudin	Ural Mutlu
Jazilah Jamaluddin	Ian Mullins
Paul Gilbertson	Wan Hussin

A “European Champion“, TiltRacer, is the winning application from the European Final of the Nokia Innovation Competition, which brought together student applications from across Europe to compete on innovation and business criteria.

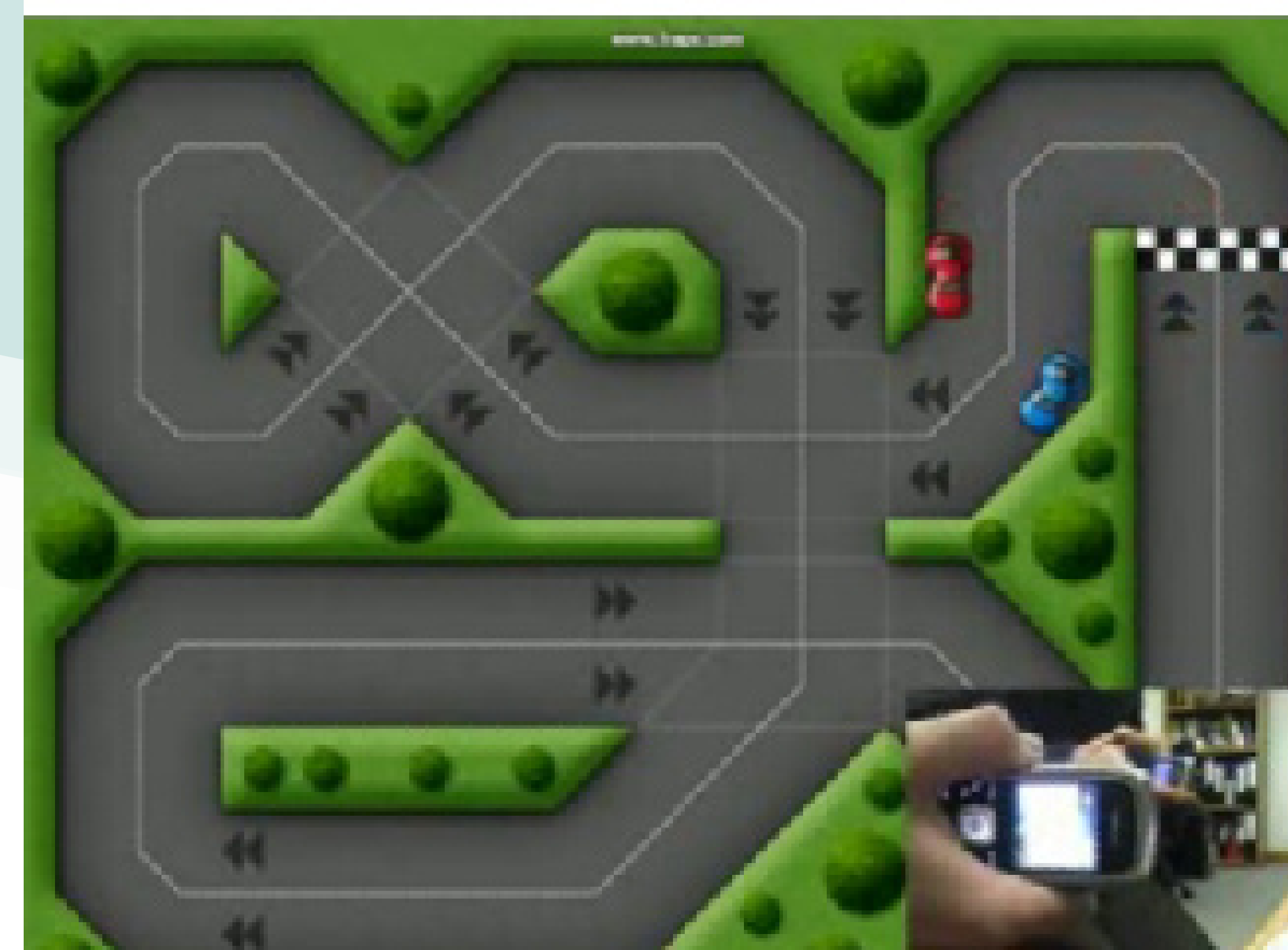
TiltRacer employs a comprehensive range of technologies to create a novel game that pushes the boundaries of modern gaming technology.

The application includes: an Accelerometer Controller daemon that was implemented in native Symbian C++; a java application running on the phone to manage wireless communications between the PC and accelerometers; a bluetooth PC controller written in C#.NET; and a car racing game written in XNA (XBox360 development platform).

Coded in a couple of weeks(!) by students Will Bamford and Tamas Vajk, this application represents a truly innovative use of mobile and wireless technologies to create a state-of-the-art gaming experience.



<http://youtube.com/watch?v=NXcSm94RK6A>



<http://www.youtube.com/watch?v=yqYVJ0zpDx8>



InfoLab21