

## **Delivery of Multimedia Services using Broadband Satellite Networks**

**Arjuna Sathiaseelan, Gorry Fairhurst**  
University of Aberdeen Alcatel ESPACIO  
{arjuna,gorry@erg.abdn.ac.uk}

**Ana Yun, Elisa Callejo**  
{ana.yun, garcia.elisa}@alcatelaleniastpace.com

**Cedric Baudoin, Michel.Mazzella**  
Alcatel Alenia Space  
{Cedric.Baudoin,Michel.Mazzella}@alcatelaleniastpace.com

### **Abstract**

Satellite systems provide a solution to broadband services that is easily deployable and available across a wide geographical coverage. This can provide a significant contribution to reducing or eliminating the digital divide for users across Europe. This paper provides an overview of key technologies that will enhance the quality of satellite networks and allow closer integration of satellite networks within the next generation of multimedia-enabled Internet. The paper is based on work performed in the EC funded SatSix project.