

INVITO

Giovedì 26 ottobre 2017, alle ore 14, presso l'aula "Rubino" (Viale delle Scienze, edificio 8, I piano),

il dott. Ivan Elhart,

dell'Università della Svizzera italiana (USI) di Lugano (CH), terrà un seminario dal titolo:

*Making Public Displays Interactive:
From Application Design to Long-Term Deployment*

Il seminario è orientato a tutti gli interessati all'argomento, per scopi di studio, di ricerca e applicativi.

Si prega di diffondere l'invito a tutti coloro che possono essere interessati.

Abstract:

Public displays are common resources in our daily environment. However, most of them are closed and isolated one-way presentation channels that show only advertisements in the form of static images or short videos. In this short workshop, we will explore opportunities and challenges of making public displays interactive. We will look into and discuss how to 1) design interactive display applications that can take content from different sources including user-generated content, 2) develop public display systems that can concurrently and simultaneously run a number of interactive applications and make real-time scheduling decisions based on user-input and overall display context, and 3) deploy public display systems in a university context over longer-periods of time.

Ivan Elhart's Short bio:

Ivan Elhart is a Senior Researcher / Postdoc at the Faculty of Informatics at the Università della Svizzera italiana (USI) in Lugano, Switzerland, since June 2015. He is a member of the Research Group for Ubiquitous Computing led by Prof. Marc Langheinrich. Ivan's research interests lie at the intersection of distributed systems, ubiquitous computing, and human computer interaction. He has been working on software architectures for networked public displays, in particular designing interactive applications, providing system support for concurrent multi-application environments, implementing real-time application and content scheduling algorithms, supporting display and application personalisation using mobile platforms, and evaluating display systems through long-term deployments.

Ivan received his PhD (Dr. sc.) degree from the Università della Svizzera italiana (USI), Lugano, Switzerland in 2015, a master degree in Electrical and Computer Engineering from the University of New Hampshire, USA in 2009, and a master degree (Diploma) in Electrical and Computer Engineering from the University of Novi Sad, Serbia in 2006. From 2004 to 2006 he was an intern at the Institute for Information Technologies in Novi Sad where he worked with Prof. Nikola Teslic on the design and development of graphic libraries for high-definition television sets. Starting in the fall of 2006, he spent three years as a research assistant at the University of New Hampshire and as a member of CATLab and Project54 working with Prof. Andrew L. Kun on digital data communication protocols for law enforcement agencies. From May 2010 to June 2015 he was a research and teaching assistant at the Faculty of Informatics in Lugano working with Prof. Marc Langheinrich on the EU-funded PD-Net project focusing on future pervasive display networks.