

INDUSTRY 4.0 PROJECT GENERATING WORKSHOP MATCHMAKING EVENT

20 Sep 2017 - 21 Sep 2017 / Budapest, Hungary



COST action proposal

Embedded digital system prototyping in the cloud

Who we are...

The two main collaborating institutions
together for the last 2,5 years



National University
of Ireland Galway

Team leaders:



dr. Fearghal Morgan



dr. László Bakó

Joint results

- NUI Galway: FP7 Project 601215 FET Proactive Neuro-Bio-Inspired Systems (NBIS) (ICT-2011.9.11)
- Sapientia University: Doctoral and Postdoctoral research projects on the proposed topic
- A range of **joint scientific publications**
- Visiting researcher exchange has started

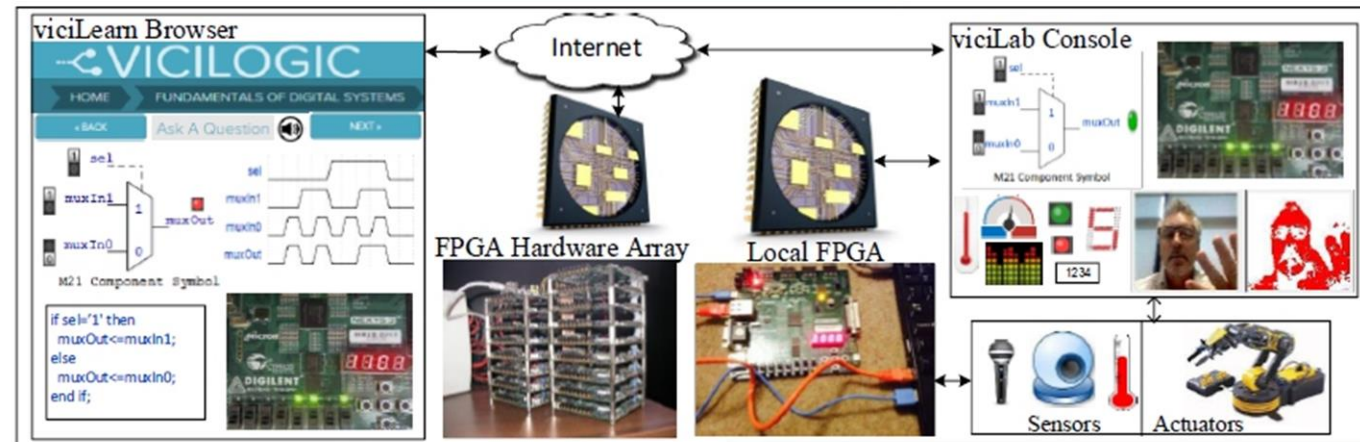
Proposed topic for the COST action

Design and Prototyping of System on Chip / Digital Logic Applications with remote access in the cloud

viciLogic: Making Integrated Circuit Design Accessible and Achievable

VICILOGIC

- Gold standard courses
- Increase engagement
 - ❑ Complementary online le design and prototyping
 - ❑ Fast prototyping of SoC /
 - ❑ Visual interaction with real hardware in the cloud
 - ❑ Applications in visual drone control algorithm design
 - ❑ Interdisciplinarity via UAV use in industrial field monitoring systems



COST action membership

The minimum number of countries included in the network has increased to **seven COST Full or Cooperating Members**. Out of the seven, a minimum of three must be **Inclusiveness Target Countries**.

What are we looking for...

- Partners for the COST action proposal:
 - At least two partners from **Inclusiveness Target Countries**
 - Further partnerships are under bilateral consideration with higher education and research institutions from Hungary (BME, Bay Zoltán Kft.) Norway, France, Belgium.
 - Industrial and academic partners from other COST member countries



COST Member Countries	
EU Member States	Associated Countries to Horizon 2020
Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia, Slovenia	Bosnia-Herzegovina the former Yugoslav Republic of Macedonia, Montenegro, Republic of Serbia, Turkey,

Inclusiveness Target Countries

Please contact:
Dr. László BAKÓ
lbako@ms.sapientia.ro

Proposed submission deadline: 25 April 2018.