



Vtech@U Project Partner presentation

University of Ljubljana

Presented by: dr. Matevž Pogačnik

University of Ljubljana

University of Ljubljana



50.000+ students

6.000 researchers

300 M EUR
budget

TOP 500
university

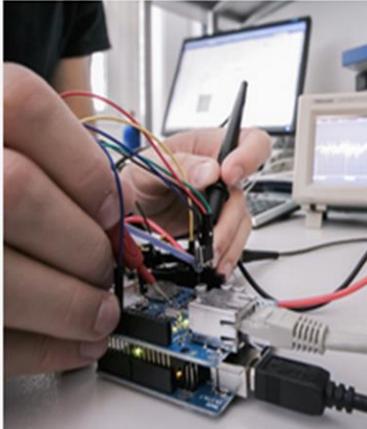
500+ EU projects

Excellent &
Creative

Faculty of Electrical Engineering



Univerza v Ljubljani
Fakulteta za elektrotehniko



študij na fakulteti

- 1. stopnja UN
- 1. stopnja VS
- 2. stopnja
- 3. stopnja
- Mednarodne izmenjave

koledar dogodkov

P	T	S	Č	P	S	N
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

< apr maj 2015 jun >

Dogodki na dan 19.maj 2015:
 19.05.2015 Zagovori diplomskih nalog
 - Matej Francej, Gregor Mavec, Matic Zajc
 18.05.2015 JobFair, sejem možnosti in priložnosti
[vsi dogodki v tem mesecu](#)

aktualno

- 12.05.2015 [Zmaga študentov FE na EESTEC Competition for Android](#)
Ekipa HealthE, ki jo sestavljajo študenta [več](#)
- 12.05.2015 [FE bo gostila zaključno konferenco Ustvarjalnika](#)
Začenja se tekmovanje za Najboljši dijaški [več](#)
- 12.05.2015 [Na 14-ih Dnevih elektrotehnike preko 2200 obiskovalcev!](#)
Da sta elektrotehnika in multimedija še kako [več](#)

v medijih

- 11.05.2015 Naš stik: Na konferenci FG-2015 predstavili zadnje raziskovalne dosežke
Mednarodna znanstvena konferenca FG-2015 je ena [več](#)
- 07.05.2015 Vzajemnost: Ko avtomobil razume, kaj želimo
Ko se nam doma pokvari televizija, pokličemo določeno [več](#)
- 07.05.2015 Računalniške novice: Sejem možnosti in priložnosti
Splošno je znano, da fakultete [več](#)
- 07.05.2015 Delo.si: Samodejno prepoznavanje obraza

2.200 students

300+ academic & research staff

54% of budget acquired on market



Laboratory for Telecommunications - LTFE

Laboratory for Multimedia - LMMFE



We do many things....



Research

Development

Consulting

Business

Education

Blockchain technologies

Our partners

- IP operators, TV broadcasters,..
 - Telekom Slovenije, Mobitel, SiOL, RTV, Netgem
- Equipment providers
 - Iskratel, Cisco, Juniper, Extreme, Iskra Emeco ...
- Data providers
 - Sportradar
- Governmental institutions
 - ATRP, DID, MVZT, MORS, MG, AKOS, DARS ...
 - Educational institutions
- International institutions
 - EU 5/6/7FW, PHARE, COST, IFIP, ITU, IEEE, IEICE,SEE, Erasmus, Tempus, H2020,...

Multimedia study programmes



Univerza v Ljubljani
Fakulteta za elektrotehniko



Univerza v Ljubljani
Fakulteta za računalništvo
in informatiko



Multimedija

Inovativni študij je pot do najboljše zaposlitve.

www.multimedija.info



Telekom Slovenije
Generalni pokrovitelj



Co-funded by the
Erasmus+ Programme
of the European Union

Kick off meeting_7-8 January 2020_Durres/Albania



AR/VR technologies

- Interactive VR presentation of occupations
- Smart phone, Oculus Go, Web browser



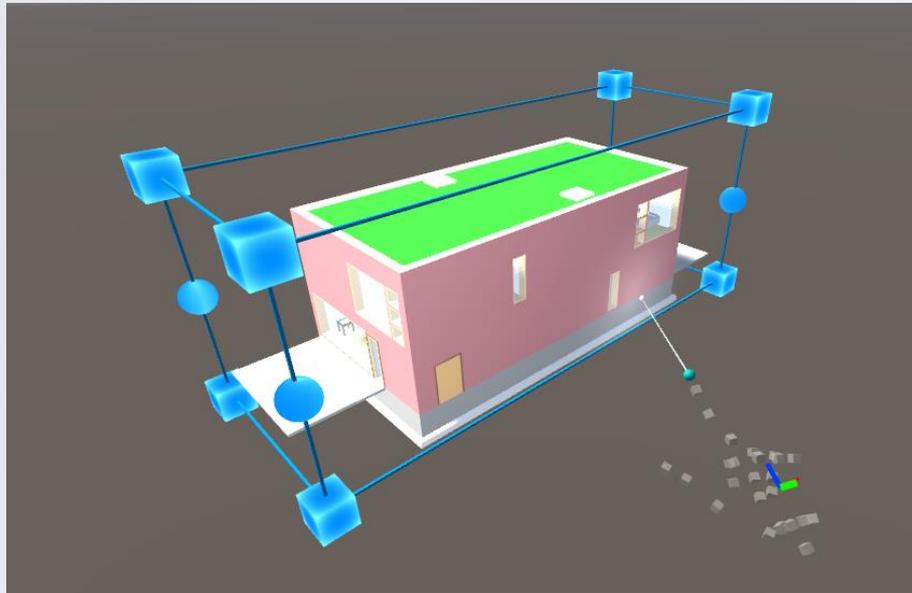
AR/VR technologies

- Interactive AR sports application
- Microsoft Hololens



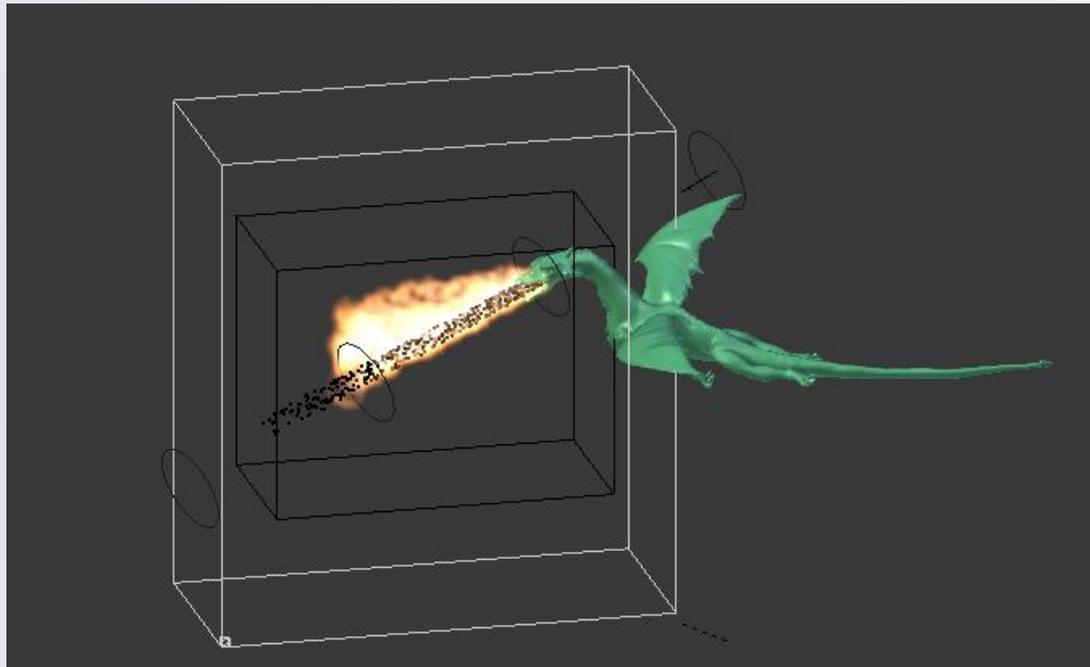
AR/VR technologies

- Interactive application for architecture
- MS Hololens



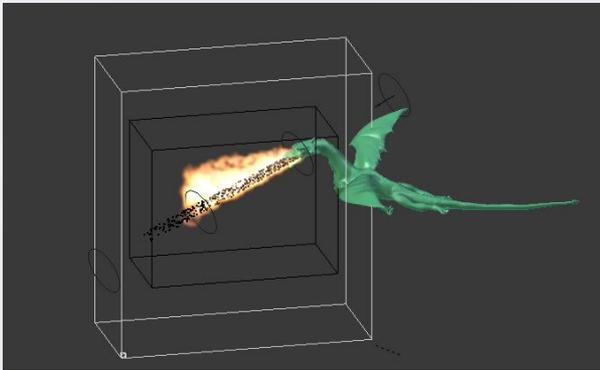
AR/VR technologies

- Interactive application for tourism
- Smart phones



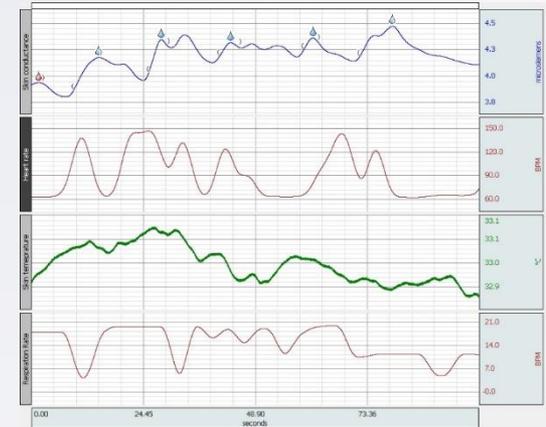
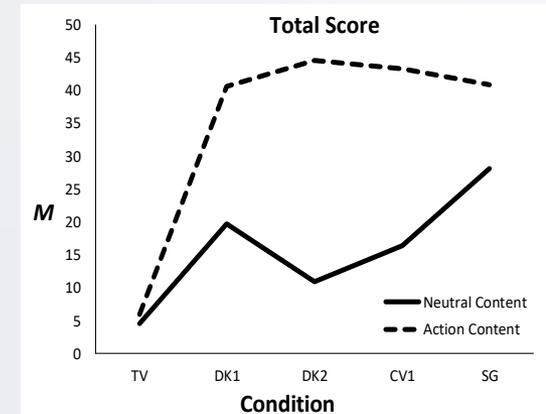
AR/VR technologies

- Creation of 3D animated models



AR/VR technologies

- Estimation of VR sickness



Role in Vtech@U Project

- Consulting on suitable HW (cameras, PC, end user devices)
- Consulting on suitable SW (development libraries)
- Content creation tools (3D models, interactive presentations,...)
- User experience guidelines for VR/AR content

- Study visits and training
- Participation in PMC, SC, QB

Contact details

- Please identify the key persons from your organisation to be involved in Vtech@U project tasks

Name, department, e-mail address	Main expertise	Role in Vtech@U project
Matevž Pogačnik	User experience, AR/VR technologies, multimedia	Manager, teacher
Jože Guna	User experience and AR/VR technologies,	Teacher, consulting
Klemen Pečnik	AR/VR content, multimedia	Teacher, consulting
Brigita Jamnik	Project administration and financial reporting	Administration and financial reporting

Thank you for your attention!



University of Ljubljana

dr. Matevž Pogačnik

University of Ljubljana, FE
Tržaška 25, 1000 Ljubljana

Phone: +386 1 4768 101

matevz.pogacnik@fe.uni-lj.si

Joze.guna@fe.unii-lj.si

<http://www.ltfe.org>