Prof. Dr. Gholamreza Anbarjafari, (Shahab)

Head of iCV Lab

Institute of Technology

University of Tartu

UNIVERSITY OF TARTU

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

VIRTUAL TECHNOLOGIES @WESTERN BALKAN UNIVERSITIES

About the University

- Founded in 1632 by King Gustavus Adolphus of Sweden

- The first university to teach in Estonian since 1919

- 4 faculties - Faculty of Arts and Humanities, Faculty of Social Sciences, Faculty of Medicine and Faculty Science and Technology

- 56 bachelor, 71 master and 32 doctoral study programmes available on 2016/2017, including 23 programmes in English

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

VIRTUAL TECHNOLOGIES
@WESTERN BALKAN UNIVERSITIES

About the University

- More than 1,300 doctoral students and 120 doctoral defences in 2016 (more than a half of all Estonia's doctoral defences)

- 3,500 employees; 50% employees on academic positions, including 194 professors

- 80 partner universities in 31 countries

- Over 34,000 research publications (including 7,500 in the ISI Web of Science)

- Nobel Prize in 1909 (Wilhelm Ostwald, founder of Physical Chemistry)

VIRTUAL TECHNOLOGIES @WESTERN BALKAN UNIVERSITIES

Institute of Technology

- Founded in 2001

- Biomedical Technologies

- Environmental Technologies

- Synthetic biology

- Intelligent Materials and Computer Vision

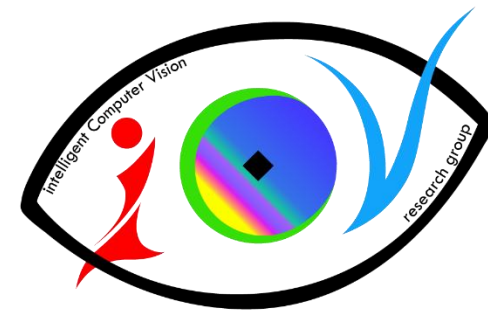# Programmes in Institute of Technology

- The Bachelor studies base on the Computer Engineering (in Estonian) and Science and Tehcnology (in English) curricula.

- The Master studies base on the Robotics and Computer Engineering curriculum (in English).

- The base of PhD studies is the Engineering and Technology curriculum (in English and/or Estonian).

VIRTUAL TECHNOLOGIES
@WESTERN BALKAN UNIVERSITIES

Intelligent Computer Vision (iCV) Lab

- Established in the fall of 2014 by Prof. Dr. Gholamreza Anbarjafari.

- The lab is focusing on developing computer vision, image communication, image processing related applications and conducting research in this field of science.

The research topics:

- Image Processing

- Human-Computer interaction

- Machine Learning

- Computer Graphics

- Image communication

Projects in progress

- **SLTTI16148T** (EXCITE) "Estonian Centre of Excellence in ICT Research (1.09.2016–31.08.2023)"

- **PUT638** "Enhancing Human-Computer Interaction using Multimodal Emotion Recognition based on Gesture, Face, and Speech (1.01.2015–31.12.2018)"

- **LLTTI16056** "Retexturing of images and garment 3D model creation (1.02.2016–31.12.2017)"

- **DLTTI16504M** "Implementation of the study program – Digital Broadcasting and Broadband Technologies (Master studies) (15.10.15 - 14.10.18)"

- **DLTTI17465M** "Virtual Mechatronics Laboratory (01.09.2017 - 30.08.2019)"

VIRTUAL TECHNOLOGIES @WESTERN BALKAN UNIVERSITIES

- **Thank you for your attention!**