

VITALISING ICT RELEVANCE IN AGRICULTURAL LEARNING

University of Maribor

Faculty of Agriculture and Life Sciences, University of Maribor, Slovenia
- Knowledge and tradition -

Silva Grobelnik Mlakar, Jurij Rakun, Denis Stajnko, Tjaša Vukmanič, Tatjana Unuk



VIRAL

Kick-off meeting, Banja Luka

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1975, ~ 14.000 students,
1.800 employees, 17 faculties



The agricultural area (UAC)



Fakulteta za kmetijstvo
in biosistemske vede



16 ha of botanical
garden + genbank



16 ha of vineyards



52 ha of meadows
60 ha of arable land



64 ha of orchards



240 ha of forests

Areas are used for research and practical
work activities of students and scientists

FIRST CYCLE DEGREE

- ➊ AGRICULTURE AND ENVIRONMENT
 - ➋ **ORGANIC FARMING**
- ➌ VITICULTURE, ENOLOGY AND FRUIT-GROWING
- ➍ ANIMAL SCIENCE
- ➎ AGRONOMY, ORNAMENTAL PLANTS, VEGETABLE AND FIELD CROPS
- ➏ BIOSYSTEM ENGINEERING
- ➐ AGRICULTURAL ECONOMICS AND RURAL DEVELOPMENT



~ 40 students

241 students
(4 foreign)

SECOND CYCLE DEGREE

- ➊ AGRICULTURE
- ➋ AGRICULTURAL ECONOMICS
- ➌ **FOOD SAFETY IN THE AGRIFOOD CHAIN**



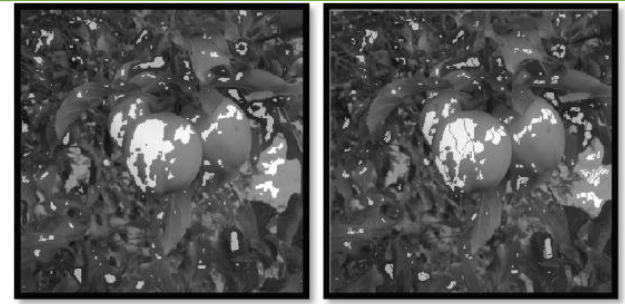
129 students
(1 foreign)

THIRD CYCLE DEGREE

- ➊ AGRICULTURE
- ➋ AGRICULTURAL ECONOMICS

13 students
(5 foreign)

- computer vision-based sensors for fruit prognosis
- artificial intelligence driven decision models
- artificial intelligence-based fruit detection model
- smart plant-protection product distribution system
- agricultural robotics
- GIS tools

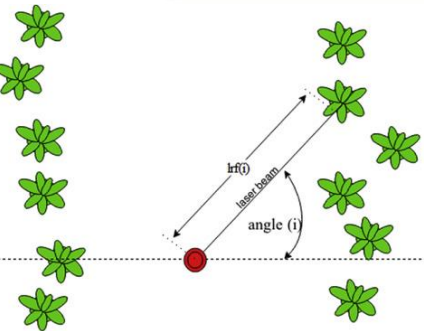
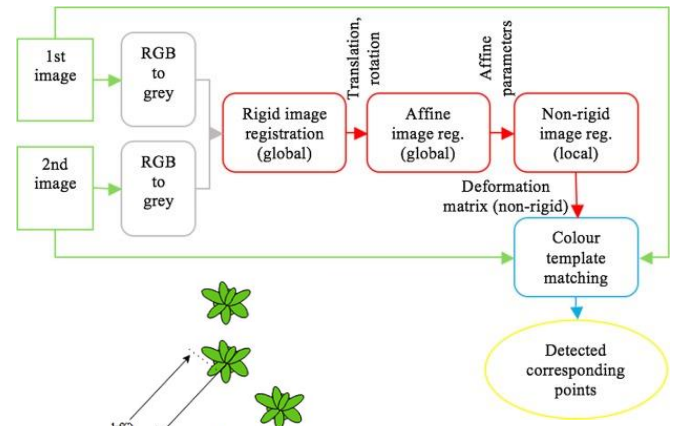
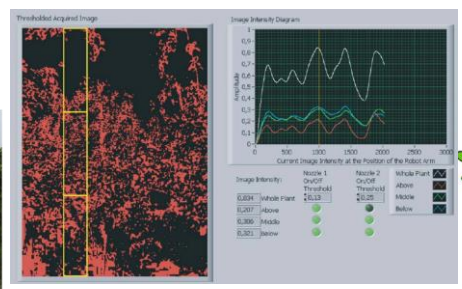


University of Maribor: LME Moodle (since 2013)

- ICT coordinator (Jurij)
- Moodle coordinator (Silva)
- Project INOVUP = student-centered pedagogical approaches (Jurij)
- Project DidaktUM = ICT technical and pedagogical support



INOVI VUP
Inovativno učenje in poučevanje v visokem šolstvu



Thank you !



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