

MY-X Research Team

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NO-BLE Ideas

SZIU - Faculty of Agriculture and
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Ministry for National Economy



Seacon-Europe Kft.



Sealog

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the ocean in a drop

virtual
robot
farmer

consistency
 automatization
 farmer
 management
 thought
 innovation
 education
 miau.gau.hu
 similarity
 policy
 virtual
 connection
 new
 towards
 data
 future
 services
 conception
 robotics
 analysis
 application
 ITBN
 project
 problems
 experiment
 robot
 planning
 robot-citizen
 agriculture
 capability
 VRF
 intelligence
 innovation-oriented
 research
 efficiency
 credibility

Nowadays a robotized solution means maximized efficiency and credibility. Robotized analyses (which are the basis of every rational decision) can be defined as multidisciplinary subject.

The uniqueness of similarity analysis is not under question, thus technological competitive advantage is assured. The ITBN (IT-security branch) recognized the outstanding nature of the technology through awarding the Innovation award of 2012.

The Virtual Robot Farmer can be an online/offline tool based on multi-layered consistency-oriented similarity analyses.

Every level of agricultural decision making is targeted, but each should and can be addressed in different ways. However, the difference is related to the packaging/logistic and the product itself (state, chambers agro, product marketing board, experts, and farmers).

A new vision of robots predicting yields of, for example cereals may seem satanic to some, but according to farmers and the government it is the future, and robotics in agriculture will bring efficiency and benefits.

An increasing amount of data is being collected. Based on these data sets, with the assistance of virtual robots, farmers are given new capacities in planning/forecasting-oriented complex tasks which until now have not been possible with the traditionally educated agricultural experts, certainly not achieving the same efficiency, speed, stability and restructuring capability.

For instance, a "wheat bot" is capable of forecasting the yield of grain based on step-by-step delivered information units. These bots are under development to check themselves in a consistency-oriented way and in the form of a multi-layered structure.

We, the researchers in the field of artificial intelligence in cooperation with No-BLE Ideas Project, enthusiastically embrace the prospect of VRF, saying: We want our farmers and food producers to have access to the widest possible range of virtual technologies, from new applications of robotics technology to new controlling aspects and quality assuring approaches.

REFERENCES

- 1986 The first expert systems
- 1990 The first final study
- 1990-1993 International co-operation in Germany - birth-process of the similarity analyses
- 1993 The first PhD-title in Germany
- 1995-2004 Co-operation in the field of agricultural sector models in EU-level
- 1997 Purchasing the first artificial intelligence licence
- 1998 Launching the online experiment lab (miau.gau.hu)
- 2001 Purchasing the second artificial intelligence licence
- 2003 Launching the first online analytical tool
- 2004-2005 Co-operation in e-Farmer concept in EU-level
- 2006-2009 Financial support from Hungarian Innovation Program in Hungary
- 2009-2010 Purchasing further artificial intelligence licence
- 2009 Launching the second online analytical tool
- 2011-2013 Automated analyses for rural development decisions
- 2011 Launching the third online analytical tool
- 2012 Innovation prize for SeaLog (ITBN 2012: IT-security)
- 2013 The next PhD-title in Hungary
- 2013-2014 Co-operation with the Noble Ideas International Project
- 2014 Innovation prizes for scientific studies from Innovation Agency of Central Hungary
- 2014 Final of Innovact Awards 2014
- 2016 Next (planned) PhD-title in Hungary