

Horizon 2020
Green Deal Call
Virtual Brokerage Event
14th October 2020 9:00 – 18:00



RDI activities at Department of Data Science and Engineering

<http://t-labs.elte.hu>

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Competences and keywords 😊



Imre Lendak, data streams and technologies



Peter Kiss, optimization and federated learning



Tsegaye Misikir, text mining and natural language processing



Adam Tarcsi, IoT, information systems

Tomas Horvath, Automated ML, relational learning and recommendation systems



Daniel Varkonyi, audio and time series



José Luis Seixas Junior, image processing



One of our interesting usecases: agrifood (keyword: PLF)

Practise-based problems

In farm to fork system we focus on „farm”



Marta Alexy,
coordinator of
agrifood-projects

Our projects:

- Outdoor pig monitoring
- Beehive monitoring
- Large-scale indoor poultry monitoring
- Vine species recognition



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Projects

- traffic jam detection from cell phone records
- information extraction from scanned invoices
- anomaly detection in IT sensor data
- railway delay pattern mining
- automatic essay evaluation
- black-box optimization framework
- sleep monitoring using IoT
- recognition of “bad” fungus on salamis

