

MODERNIZING AGRICULTURAL PRACTICE USING INTERNET OF THINGS (MAPIoT)

The Education, Scholarships, Apprenticeships and Youth Entrepreneurship

Project No: 20-COP-0019

Project title: MODERNIZING AGRICULTURAL PRACTICE USING INTERNET OF THINGS

Event host organization: Lucian Blaga University of Sibiu, Romania

Event title: Dissemination Workshop 2 - in Romania

Date and Place: 28 July 2023 / Engineering Faculty, Lucian Blaga University of Sibiu, Romania

Multiplier Event

Dissemination Workshop 2 - in Romania

Place

**Engineering Faculty (Room IE 303), Lucian Blaga University of Sibiu, Romania,
28.07.2023**

13³⁰ – Welcome Speech! Ms. Prof.dr.ing. Maria Vințan, Dean of Lucian Blaga University of Sibiu

13³⁵ – Marquardt presentation about automotive and sensors – Ms. Anda Antonescu, HR Business Partner, Maquardt

13⁵⁰ – Opening speech

1. Organizers of the summer school Prof. Adrian Florea (manager of MAPIoT)
 - Presenting the MAPIoT project and the Intellectual Outputs (scientific & didactic)
 - The objectives of the second summer school
2. ULBS Professors
 - Asist. Univ. dr. Delia Ștefenel - Head of ULBS International Department
 - Conf. univ. dr. ing. Claudiu Isarie – USN collaborators in Renewable Energy project
3. Representatives of Industry Companies
 - Cătălin Istrate, Project Manager @Agile Networks Technologies
 - Peter de Boer, Strategic Corporate Financial Manager, DN AGRAR GROUP S.A.
 - Cristian Câmpineanu, Managing Partner & IT Perspectives, member of Sibiu IT Cluster

14³⁰ – Scientific projects activities

- Lasse Berntzen, Adrian Florea, "Design Thinking Applied to the Internet of Things - A Project on Technological Innovation in Agriculture and Food Processing", ICDS 2022, The Sixteenth International Conference on Digital Society, Porto, Portugal, 26-30 June 2022, pp. 44-49, ISSN: 2308-3956

Agenda for Second Transnational Project Meeting

- Florea, A., Popa D.I., Morariu D., Maniu I., Berntzen L., Fiore U., Digital farming based on a smart and user-friendly IoT irrigation system: A conifer nursery case study. IET Cyber-Phys. Syst., Theory Appl. 1–19 (2023). <https://doi.org/10.1049/cps2.12054>

15⁰⁰ – Students' activity work

- Summer school 4 topics of applications:
 - Agronomic monitoring stations
 - Precision Winemaking: AI & GA Techniques for Optimal Fermentation
 - Controlling Robots & Automation
 - Using drones in agriculture

17⁰⁰ – Social networking & discussion about students' projects and further collaborations

