

**Von:** Adam Dąbrowski <adam.dabrowski@put.poznan.pl>  
**Gesendet:** Samstag, 17. Oktober 2026 15:10  
**An:** dudnikalla  
**Betreff:** Fwd: AI-Based UAV Remote Monitoring of Technological Stress in Winter Crops  
**Anlagen:** 2026-11-18\_LMAG\_zebranie-5-Dudnyk.pdf

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**Od:** "IEEE eNotice" <enotice@enotice.ieee.org>  
**Do:** "Adam Dabrowski" <adam.dabrowski@put.poznan.pl>  
**Wysłane:** sobota, 17 października, 2026 13:47:13  
**Temat:** AI-Based UAV Remote Monitoring of Technological Stress in Winter Crops

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## AI-Based UAV Remote Monitoring of Technological Stress in Winter Crops

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The presentation will explore the application of unmanned aerial vehicles (UAVs), remote sensing, and artificial intelligence for the early detection and assessment of technological stress in winter crops, particularly winter wheat and winter rapeseed. It will focus on the analysis of RGB and multispectral imagery, computer vision, and AI-based methods for identifying crop abnormalities and distinguishing technological stress, including possible herbicide aftereffects, from other stress factors. The presentation will also discuss the potential of intelligent monitoring systems to support precision agriculture, improve crop management, and promote more sustainable agricultural production.

### Date and Time

- - oDate: **18 Nov 2026**
  - oTime: **11:45 AM CET to 01:15 PM CET**

•  Add Event to Calendar



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## Location

- POZNAŃ UNIVERSITY OF TECHNOLOGY
- ul. Piotrowo 3A
- Poznan, Wielkopolskie
- Poland 61-131
- Building: Electrical Eng.
- Room Number: 16

## Hosts

- [Poland Section Affinity Group,LM](#)
- [Contact Event Host](#)
- The meeting on Nov. 18, 2026 at 11:45 AM CEST will be organized in a stationary form  
Electrical Eng. building, ul. Piotrowo 3A, Poznan, Poland, room 16
- Co-sponsored by Poznan University of Technology

## Registration

- Starts **17 October 2026 12:00 AM CEST**
- Ends **18 November 2026 12:00 AM CET**
- No Admission Charge



## Speakers

Alla Dudnyk

Topic:

AI-Based UAV Remote Monitoring of Technological Stress in Winter Crops

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Attachments:

[Event Calendar Invite](#)

Poland Section Affinity Group,LM :

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