

OAGM Workshop 2022

Digitalization for Smart Farming and Forestry



Session 2: November 7, 2022 (online only)

- 15:00 Opening
- 15:05 Full papers I (15+5: presentation + discussion)
- 16:25 Break
- 16:35 Full papers II (15+5: presentation + discussion)

The attendance of the workshop is free of charge via the following link:

<https://bokuvienna.zoom.us/j/96837019997>

- Meeting-ID: 968 3701 9997
- Mobil:
 - +436703090165,,96837019997# Austria
 - +43720115988,,96837019997# Austria

Supported by:



Full Papers I

Redundant 1-cells in Multi-labeled 2-Gmap Irregular Pyramids

Majid Banaeyan, Walter G. Kropatsch, and Jiří Hladůvka

On the Regularising Levenberg-Marquardt Method for Blinn-Phong Photometric Stereo

Georg Radow and Michael Breuß

Image Forgery Detection and Localization Using a Fully Convolutional Network

David Fischinger, David Schreiber, and Martin Boyer

A Modular Model Combining Visual and Textual Features for Document Image Classification

Amer Duhan and Robert Sablatnig

BREAK

Full Papers II

Statistical shape modeling and analysis of the vestibular organ based on CT-images

Claudia Companioni Brito, Matthias Willenbrink, Karl Fritscher, and Rainer Schubert

One-Pixel Instance Segmentation of Leaves

Julia Strebl, Eric Stumpe, Thomas Baumhauer, Lena Kernstock, Markus Seidl, and Matthias Zeppelzauer

Towards Uncertainty Detection in Automated Leaf Tissue Segmentation

Ráchel Grexová, Klara Voggeneder, Danny Tholen, Guillaume Thérout-Rancourt, Walter G. Kropatsch, and Jiří Hladůvka

An unsupervised, shape-based 3d cell instance segmentation method for plant tissues

Alexander Palmrich, Klara Voggeneder, Danny Tholen, Guillaume Thérout-Rancourt, Jiří Hladůvka and Walter G. Kropatsch