Summary of the SENSECO EO-Sense 2.0 Summer School, 6-10 September 2021, Plovdiv, Bulgaria

- 6 September:

[ARTMO toolbox](#) - Jochem Verrelst

[EnMAP-Box](#), EnSOMAP - Robert Milewsky

- 7 September:

Field spectroscopy - WG4 - Andy Hueni, Carmen Meiller

Field Spectroscopy: Sources of Potential Uncertainties Introduced by the Operator and Protocol - WG4 - Andy Hueni, Carmen Meiller

- 8 September:

Tutorials ARTMO DATimeS - Jochem Verrelst et al

Phenocam time series data for field phenotyping - WG2 - Helge Aasen

Thermal Infrared remote sensing for detecting water stress deficit - WG3 - Martin Schlerf et al

- 9 September:

Scientific Writing and presenting - Katja Berger

Optimizing ML models for RTM inversion - and https://github.com/nunocesarsa/SENSECO_School_2021 - WG1 - Nuno Sa

Wrap up - organizers

- 10 September:

Students' projects

- WG1 - Mapping of vegetation properties using ARTMO MLRA toolbox and AutoML - intro and results (Lorenz, Maurice, Ma. Luisa, Cheng)
- WG2 - Winter rapeseed crop cycle simulation - intro, results group 1 (Paulo, Stefanie, Lukas, Zaib), results group 2 (Milen, Michela, Claudio)
- WG3 - Assessment of downy mildew disease severity on grapevine using different hyperspectral, multispectral and thermal UAV data - intro, results (Michal, Erekle, Veronica, Na)
- WG4 - Raising awareness on potential uncertainty introduction in field spectroscopy - intro, results (Pablo, Miguel, Subhajit, Mihaya)