



CENTER FOR HYPERSPECTRAL REMOTE SENSING EUROPE



Center for Hyperspectral Remote Sensing Europe (CHRSE)

Headwall Photonics and geo-konzept invite you to a two-day workshop at the CHRSE, September 18–19, 2024.

The first of its kind, the **Center for Hyperspectral Remote Sensing Europe (CHRSE)** was formed in 2019 by **Headwall** and **geo-konzept GmbH** to support the implementation and utilization of hyperspectral imaging technology with other sensor technologies, focusing on agriculture, mining, environmental monitoring and infrastructure inspection applications.

The facility is located in Adelschlag, Germany, about a one-hour drive north of Munich. We maintain relationships with local hotels and restaurants. Workshops include food, beverages, and a group dinner.

The cost is only 100 Euro. You will be responsible for travel and lodging expenses.

The theme of this workshop is **Easier Workflows for Hyperspectral Data Acquisition and Analysis**.

Register now by emailing sales@headwallphotonics.com.

PRELIMINARY AGENDA

DAY ONE: Wednesday, September 18TH

Noon	Welcome and introduction
1:00 PM	Mission and flight planning (Bly3d and/or UgCS)
2:00 PM	UAV flight demo with hyperspectral and LiDAR payload (M300 + Headwall Nano Hyperspec or Nano HP VNIR)
3:00 PM	Data handling (download and preliminary post-processing)
4:00 PM	Dr. Carson Roberts, Ph.D, Headwall Principal Applications Scientist, coral health for reef restoration
5:00 PM	Q&A, networking
7:00 PM	Group dinner, Braugasthof Trompete, Eichstätt

DAY TWO: Thursday, September 19TH

9:00 AM	Data processing (including conversion to reflectance and orthorectification)
10:00 AM	Data interpretation (ENVI), Thomas Bahr, NV5
11:00 AM	Sonja Rechkemmer, LVWO
Noon	LiDAR workflow: benefits of high-resolution DEMs, examples of fused data
1:00 PM	Lunch
2:00 PM	Q&A, networking, wrap-up

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