**DAY 1 - November 9th, 2023**

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| 9:00-9:05 | Welcome and intro |
| 9:05-10:00 | Sensors, platforms and techniques for 3D mapping  *Fabio Remondino* |
| 10:00-10:05 | Short break |
| 10:05-11:00 | A recap of UAV-based photogrammetry  *Fabio Remondino* |
| 11:00-11:30 | Coffee break |
| 11:30-12:00 | From hand-crafted to learning-based methods for tie points extraction  *Luca Morelli* |
| 12:00-13:00 | Acquisition of UAV images - practical  *Ersilia Oniga, Fabio Remondino, Luca Morelli, Elisa Farella* |
| 13:00-14:30 | Lunch break |
| 14:30-16:00 | UAV images processing: georeferencing - practical  *Ersilia Oniga, Fabio Remondino, Luca Morelli, Elisa Farella* |
| 16:00-16:15 | Coffee break |
| 16:15-17:30 | UAV images processing: point cloud generation - practical  *Ersilia Oniga, Fabio Remondino, Luca Morelli, Elisa Farella* |

**DAY2 - November 10th, 2023**

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| 9:00-11:00 | Point cloud processing - practical  *Ersilia Oniga, Fabio Remondino, Luca Morelli, Elisa Farella* |
| 11:00-11:30 | Coffee break |
| 11:30-13:00 | Orthoimage generation and GIS mapping - practical  *Ersilia Oniga, Fabio Remondino, Luca Morelli, Elisa Farella* |
| 13:00-14:00 | Lunch break |
| 14:00-14:30 | LiDAR-based UAV  *Fabio Remondino* |
| 14:30-15:45 | LiDAR-based UAV point cloud processing - practical  *Ersilia Oniga, Fabio Remondino, Luca Morelli, Elisa Farella* |
| 15:45-16:00 | Deep learning on UAV images  *Fabio Remondino* |
| 16:00-16:30 | Discussion and certificates |