

Clément MALLET – Curriculum Vitae (Sep. 23)

Full-time researcher – LASTIG lab., Univ Gustave Eiffel, IGN, ENSG (France), since September 2005 (www.umnr-lastig.fr/clement-mallet/).

The LASTIG lab. is the leading French lab. in the full lifecycle of the geographic data, from acquisition to visualization.

Employement and education

Employement

- Since May 2021. Director LASTIG lab., Univ Gustave Eiffel, IGN, ENSG (France, 75 members, 45 permanent researchers/engineers).
- 2019-May 2021. Head of the STRUDEL team, LASTIG lab. (16 people, 10 permanent researchers/engineers). Spatio-temporal dynamics.
- 2018. Head of the MATIS team, IGN-France (29 people, 19 permanent researchers/engineers) : Photogrammetric Computer Vision and Remote Sensing.
- 2011-2017. Researcher : IGN-F/MATIS team. Head of the group : Scene reconstruction and understanding (9 people).
- 2007-2010. PhD thesis Telecom ParisTech (France) and Leibniz University of Hanover (LUH, Institute IPI, Germany).
- 2005-2007. Engineer : IGN-F/MATIS lab. Massive lidar data processing.

Education

- 2016. Habilitation thesis – Université Paris Est (France), speciality : Geographic Information Sciences. Towards operational very high resolution land-cover mapping.
- 2007-2010. PhD thesis – Telecom ParisTech, Paris (France), speciality : Signal and Image Processing. Analysis of full-waveform lidar data for urban area mapping.
- 2004-2005. Master thesis in Physical Methods in Remote Sensing – University Paris 6, Paris (France). Option : Climate Sciences.
- 2002-2005. Engineer School : National School of Geographic Sciences (ENSG, France). Option : Image Processing and Remote Sensing (3rd year).

Student supervision and teaching

Supervision : 6 post-docs, 10 PhD students (+2 currently), 7 engineers, 15 interns.

Teaching : 45h/year in image processing, machine learning, and point cloud processing.

Invited talks : since 2010, I have been giving 20+ invited talks in universities and research centers (France, Germany, Italy, Switzerland, United Kingdom, China, Iran).

Research

Main topics : Geospatial Computer Vision ; Multi-modal remote sensing ; 3D point cloud processing ; Supervised classification ; Semantic segmentation ; Change detection.

Main collaborators : Florent Lafarge (INRIA, France) ; Loic Landrieu (Ecole des Ponts, France) ; Martin Weinmann (KIT, Germany) ; Jordi Inglada, Mathieu Fauvel (CESBIO, France) ; António Ferraz (JPL, USA) ; Devis Tuia (EPFL, Switzerland) ; Jan Dirk Wegner (ETH/Uni. Zurich, Switzerland) ; Michael Ying Yang (Univ. of Twente, The Netherlands).