

The Laboratory of Advanced Technology: collaborations within the DQMP and beyond

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The Laboratory of Advanced Technology (LTA) is a partnership between the University of Geneva and HES-SO Geneva to support research at both institutions by facilitating resource sharing. In practice, the LTA makes it easy for you to find and access equipment in other sections or faculties without needing a formal collaboration. Here we will show how this works, and how resource sharing can be beneficial to your research activity. The LTA has also launched its own Chemical Analysis and Imaging Platform, with two techniques not previously available at the University of Geneva: XPS and TOF-SIMS. These are both surface sensitive probes of composition and chemistry. We will give a few examples of this platform's projects within the DQMP and the University, and discuss the scope of these techniques, so you can see how they could be applicable to your research. The LTA is also a bridge between research labs and industry. We will tell you more about how such collaborations work and what benefits they can have for both industrial and academic partners.