

# **Studies of Self-Assembled Monolayers and Langmuir-Blodgett Films using NEXAFS and XPS**

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## **INTRODUCTION**

We are studying complex Self-Assembled Monolayer and Langmuir-Blodgett systems using NEXAFS and XPS. As the initial stage of this study, we have established that the sample introduction system allows the introduction of these thermally sensitive films (alkane thiols on Au) into the analysis system with the observation of spectra similar to literature values<sup>1</sup>.

Our next step is to establish an ex-situ method of providing for spectral normalization and the study of our target systems.

## **REFERENCES**

1. J. Stöhr and D. A. Outka, *J. Vac. Sci. Technol. A* 5(4) (1987) pp 919 - 926

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