

IIS, UTokyo

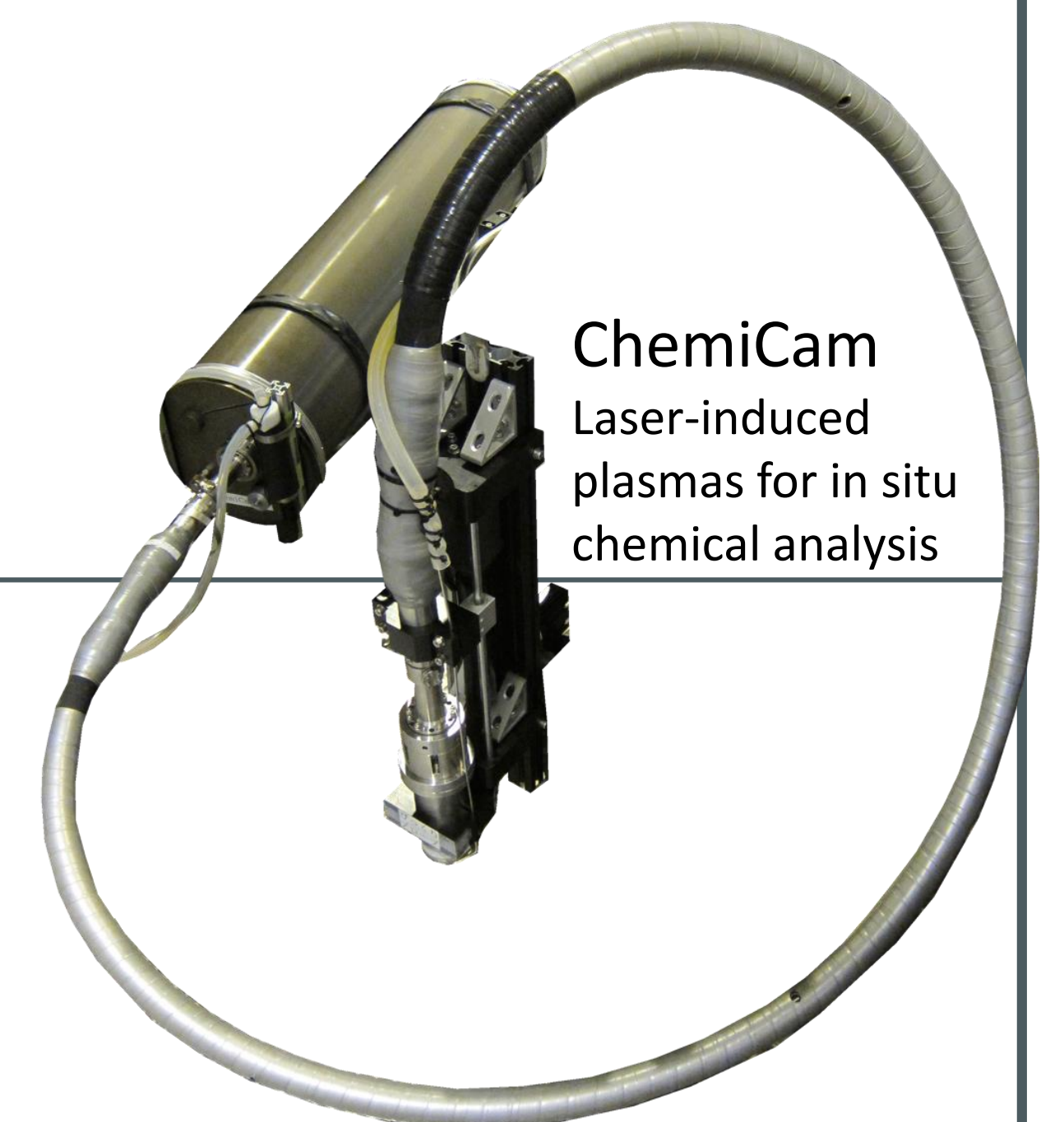


SMMI, Soton

THORNTON LAB.

[Underwater Photonics]

<http://ocean.iis.u-tokyo.ac.jp>



Seeing the ocean in a new light

Not in seeking new landscapes but in having new eyes
~ Marcel Proust

Underwater sensing is the raw material of how we perceive the ocean. We aim to improve how the ocean can be observed by investigating the interactions of photons in underwater environments and combining this with methods for automated information extraction.

- ◆ **Spectroscopy** for in situ chemical analysis of the seafloor
- ◆ Computer **vision** for scalable mapping of benthic environments
- ◆ Probabilistic **modeling** for automated information extraction

