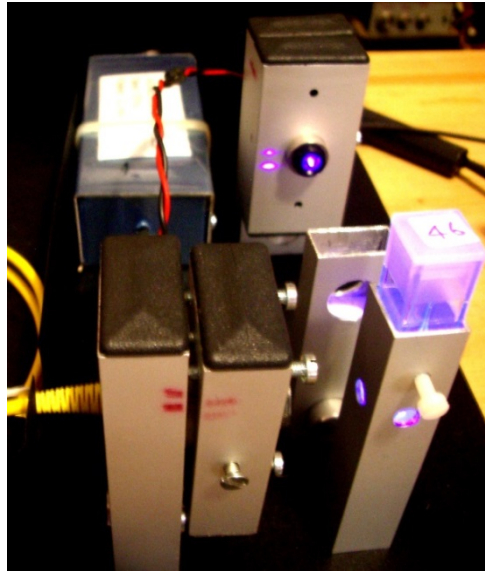


# DEVELOPING A SMALL PORTABLE DLS APPARATUS FOR FIELD ANALYSIS

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- Single photon autocorrelation technique
- 405 nm laser source
- Compact optical assembly
- Transmission of counts in real time via USB
- SW resident in a laptop PC
- Detection capability of nm particles
- 0.2 cm<sup>3</sup> low sample volume
- Fast characterization of either monodisperse or polydisperse sample content
- Low power consumption
- Highly portable and small weight