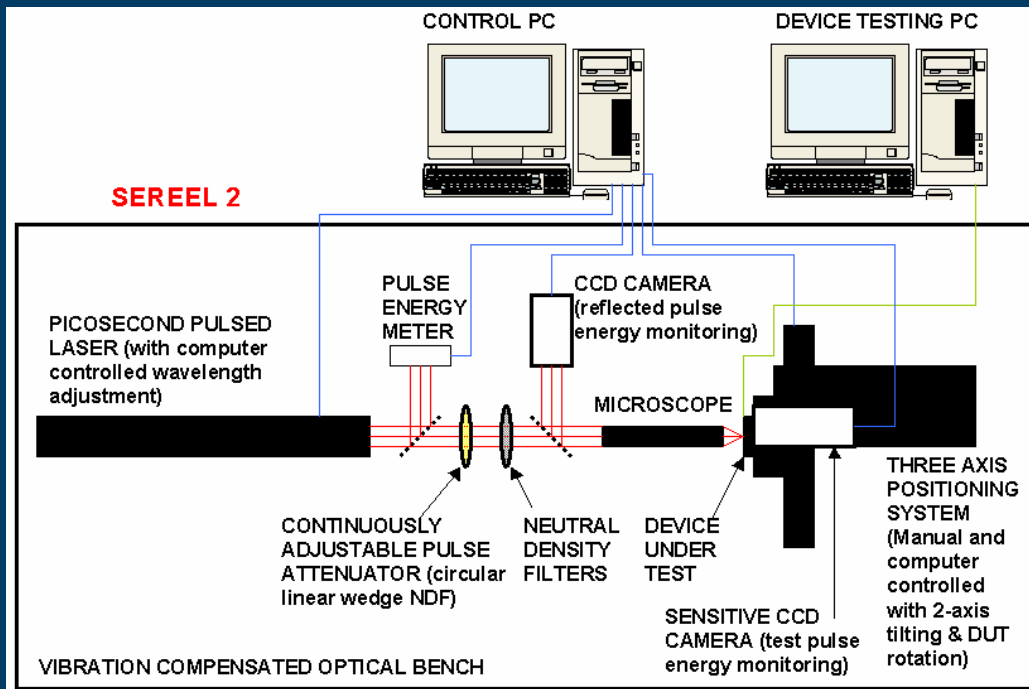


# Single Event Radiation Effects in Electronics Laser (SEREEL2)

## • Applications of SEREEL2

- Identifies SEE sensitive locations on your microchips
- Screening for SEE and SEL sensitivity
- Verifying SEE protection systems (EDAC, TMR etc.)
- Memory mapping (physical local of bit addresses on your microchips)
- Measuring the thickness of the sensitive volume (by establishing the SEE threshold at multiple wavelengths)
- Delivery of SEE pulses at selectable times during your microchip's operational cycle



# Use of MBDA's SEREEL2 Laser SEE Simulation Facility

- Terms of use
  - The facility is available for SEE testing by all organisations at Filton, Bristol, UK
  - The cost is around €1000 per day (€150 per hour), which includes an operator
- Contact: Andrew Chugg or Rod Jones
  - Tel. 44 (0)117 9318251 or 44 (0)117 9316146
  - Fax. 44 (0)117 9318249
  - [andrew.chugg@mbda.co.uk](mailto:andrew.chugg@mbda.co.uk)
  - [rod.jones@mbda.co.uk](mailto:rod.jones@mbda.co.uk)

