**Customised detectors**

- Up to 19 sensor elements
- Optimised for high rate applications

**Examples of customised detector designs**

- **Applications include:**
  - Extended X-ray Absorption Fine Structure (EXAFS)
  - X-ray Absorption Near Edge Structure (XANES)
  - Total Reflection X-Ray Fluorescence (TXRF)
  - Particle Induced X-Ray Emission (PIXE)
  - Micro X-ray Fluorescence (μXRF)
  - X-Ray Fluorescence (XRF)
Examples of single and multi-sensor silicon drift detectors

- 5 Sensor Circular Focused Array SDD
- 4 Sensor Circular Focused Array SDD
- 4 Sensor Vertical Focused Array SDD
- 5 Sensor Circular Focused Array SDD—UHV
- 3 Sensor Vertical Focused Array SDD
- Single Modular SDD
- Single Windowless Sensor SDD for UHV
- Single Sensor SDD for UHV
- Single Sensor SDDs for vacuum
- Single Sensor SDD for air
- 4 Sensor Circular Through Hole Detector Focused Array SDD
- 4 Sensor Circular Focused Array SDD—PIXE