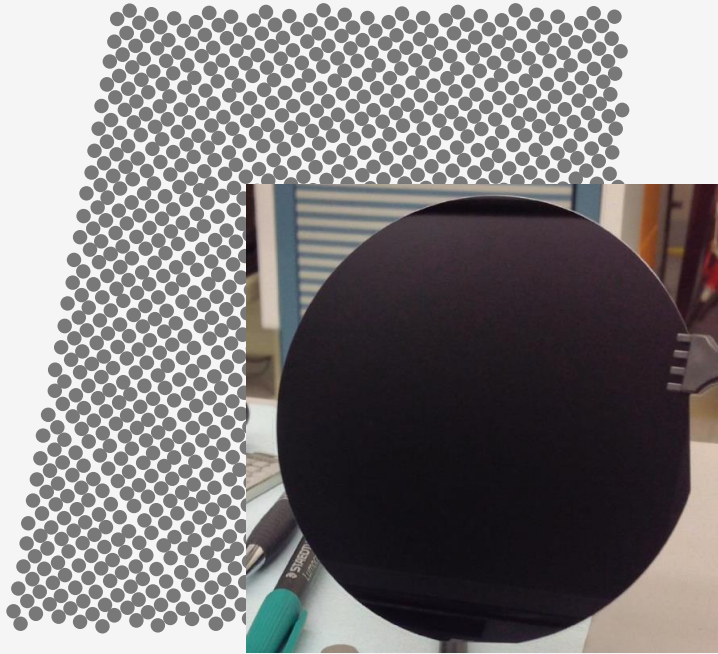


PV Technology Based on Crystalline Silicon Wafers

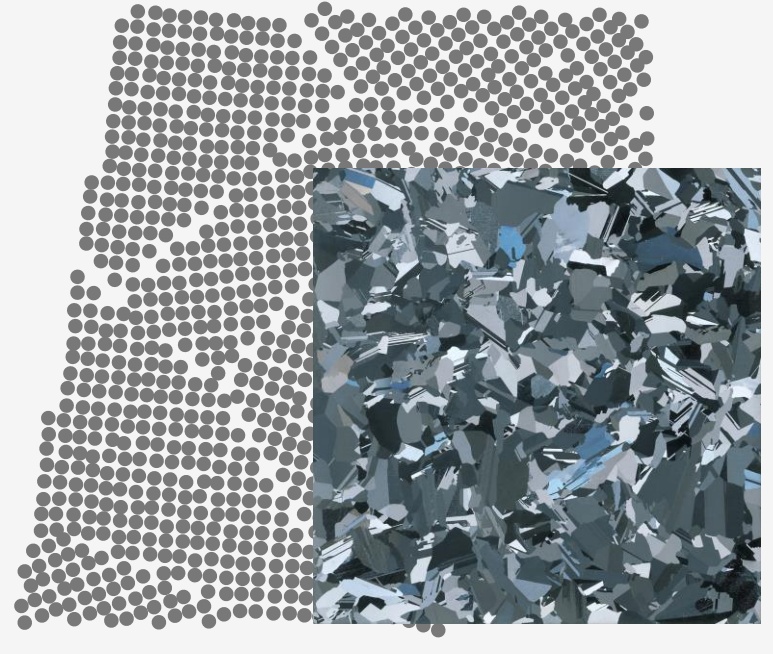
Manufacturing of Crystalline Silicon

Week 4.2

Arno Smets



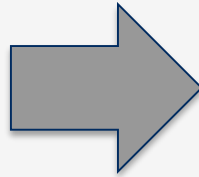
Monocrystalline



Multicrystalline

The processing of silicon

Quartzite



Metallurgical silicon

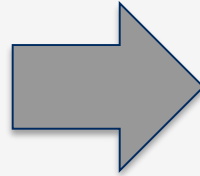




Movie 1

The processing of silicon

Metallurgical silicon



Polycrystalline silicon

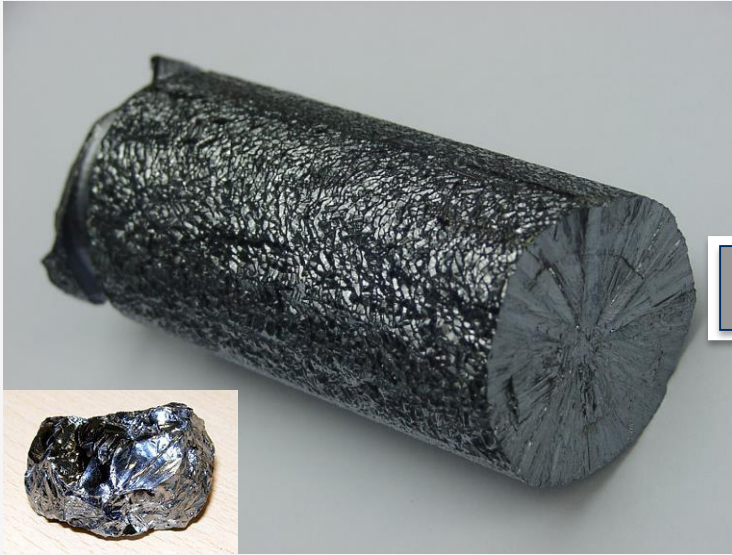




Movie 2

The processing of silicon

Poly-silicon



Silicon Ingot





Movie 3

The processing of silicon

Poly-silicon



Silicon Ingot





Movie 4

The processing of silicon

Ingot



Multi-crystalline ingot

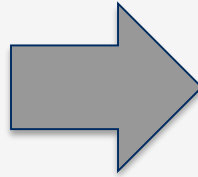




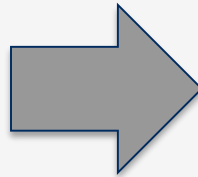
Movie 5

The processing of silicon

Multi-crystalline ingot



Monocrystalline ingot

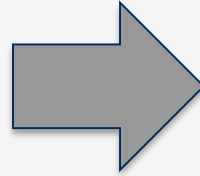




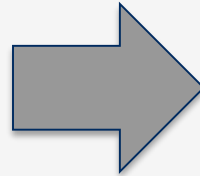
Movie 6

The processing of silicon

Multi-crystalline ingot



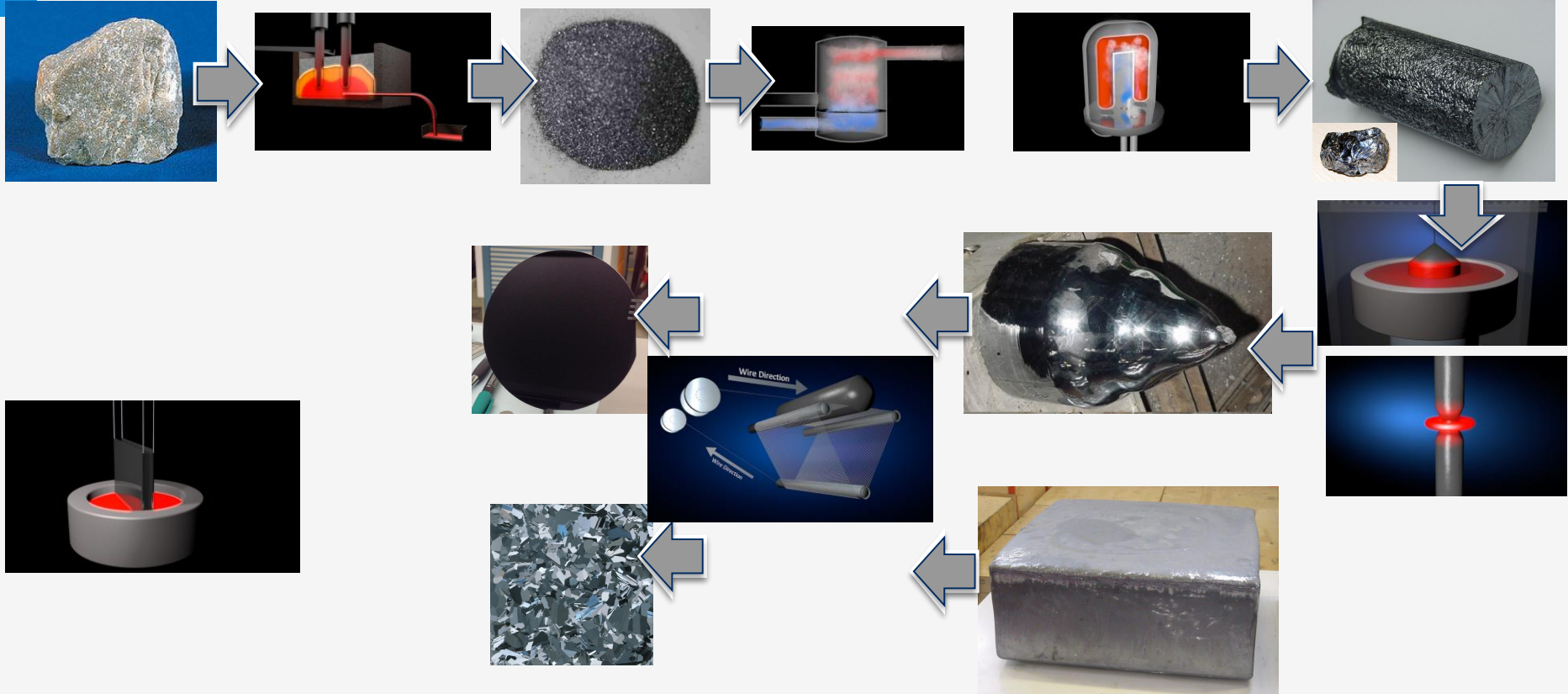
Monocrystalline ingot





Movie 7

Overview wafer processing techniques



Thank you for your attention!