

JEOL

Solutions for Innovation

Panchromatic CL System

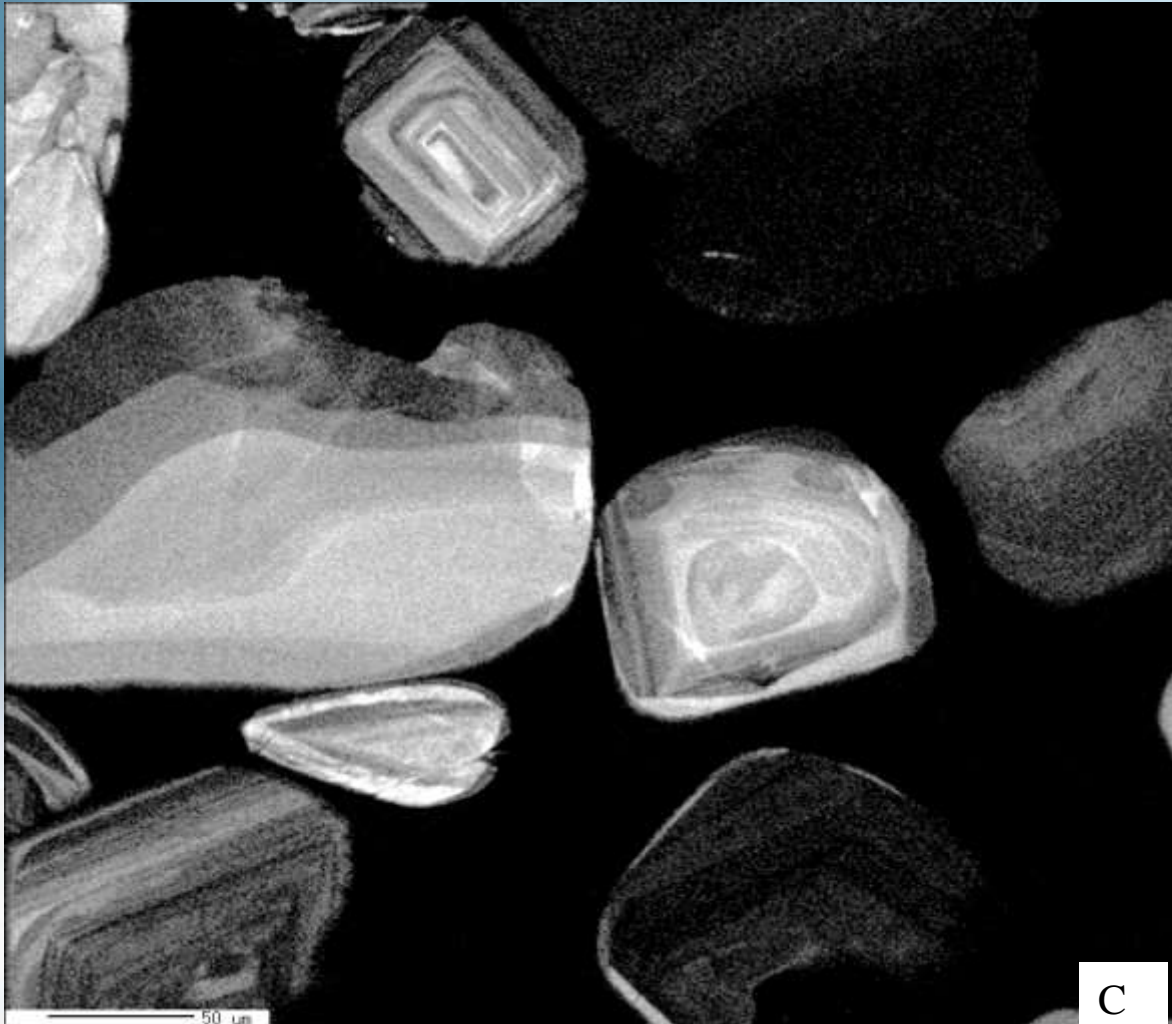
Panchromatic CL detector

Features:

- Low Mag.(2.5mm FOV)
- High sensitivity
- 25mm ϕ Optical (bandpass) filter compatible
- Quick mapping of Zircon particles, zoning of quarts
- * Fully integrated control

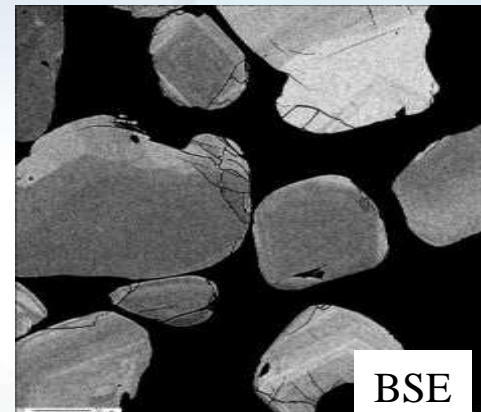


CL Image of Zircon grains



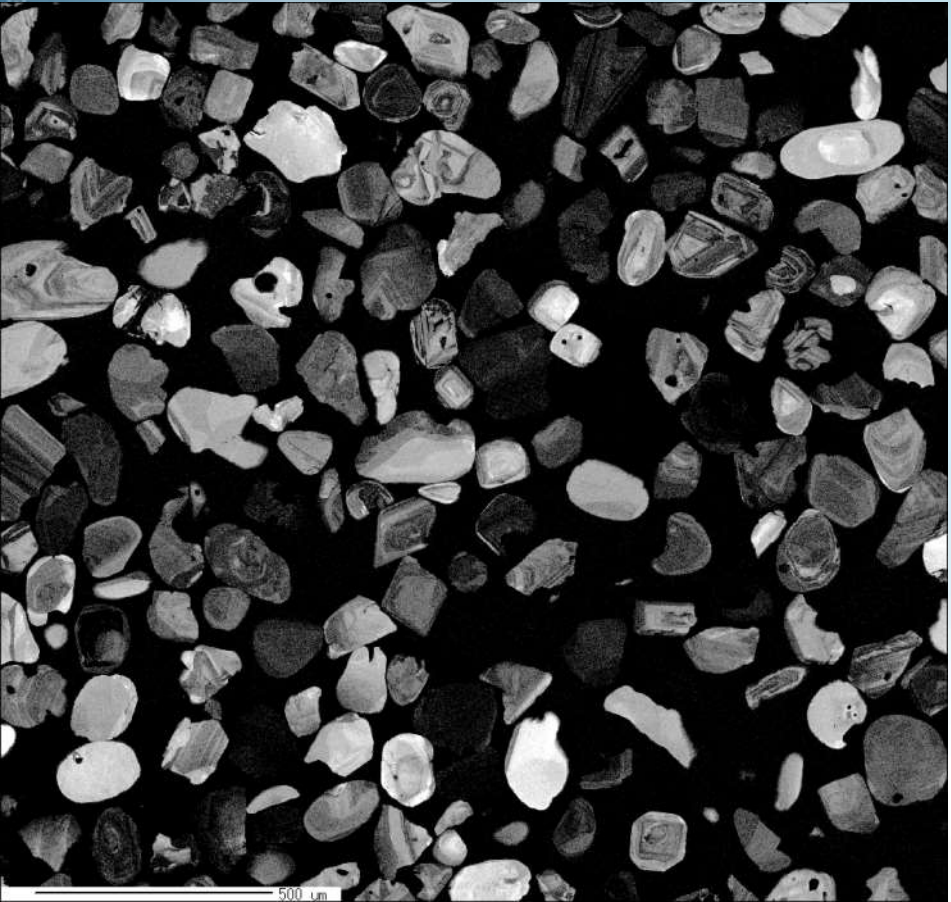
C
L

Beam Scan
15kV
5nA
512x512 pixels
5 minute scan

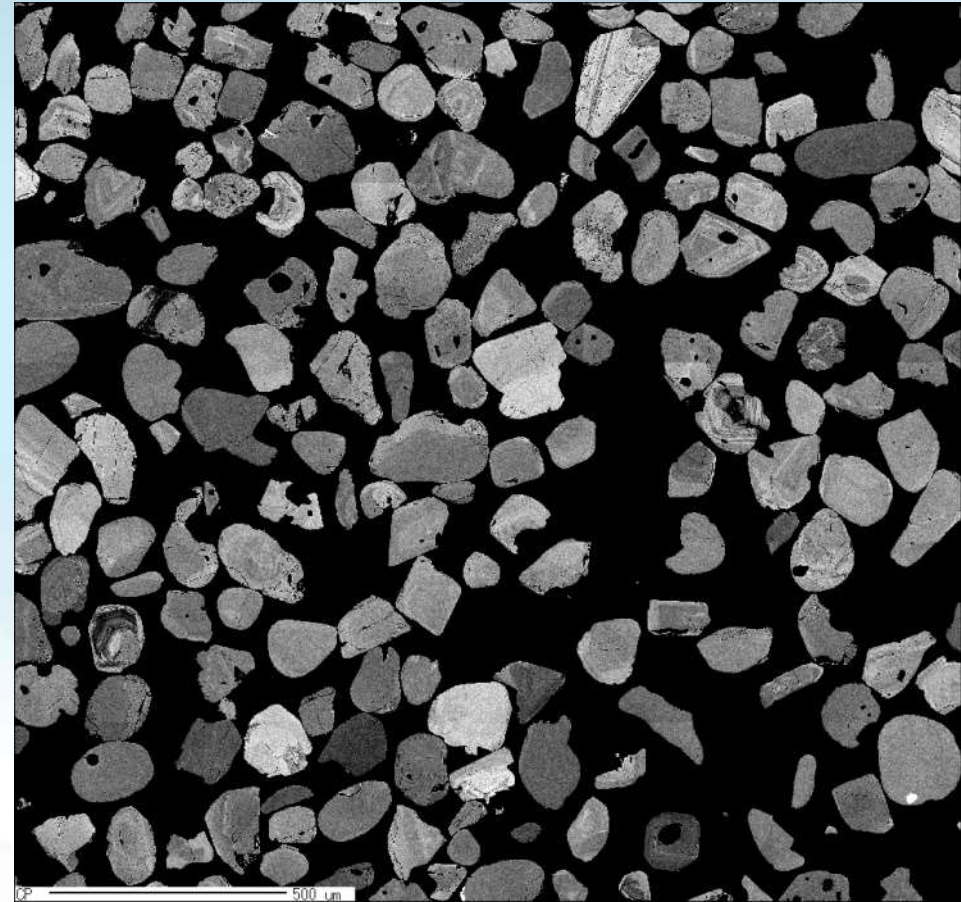


BSE

Zircon (2mm x 2mm) -- Beam Scan Mapping

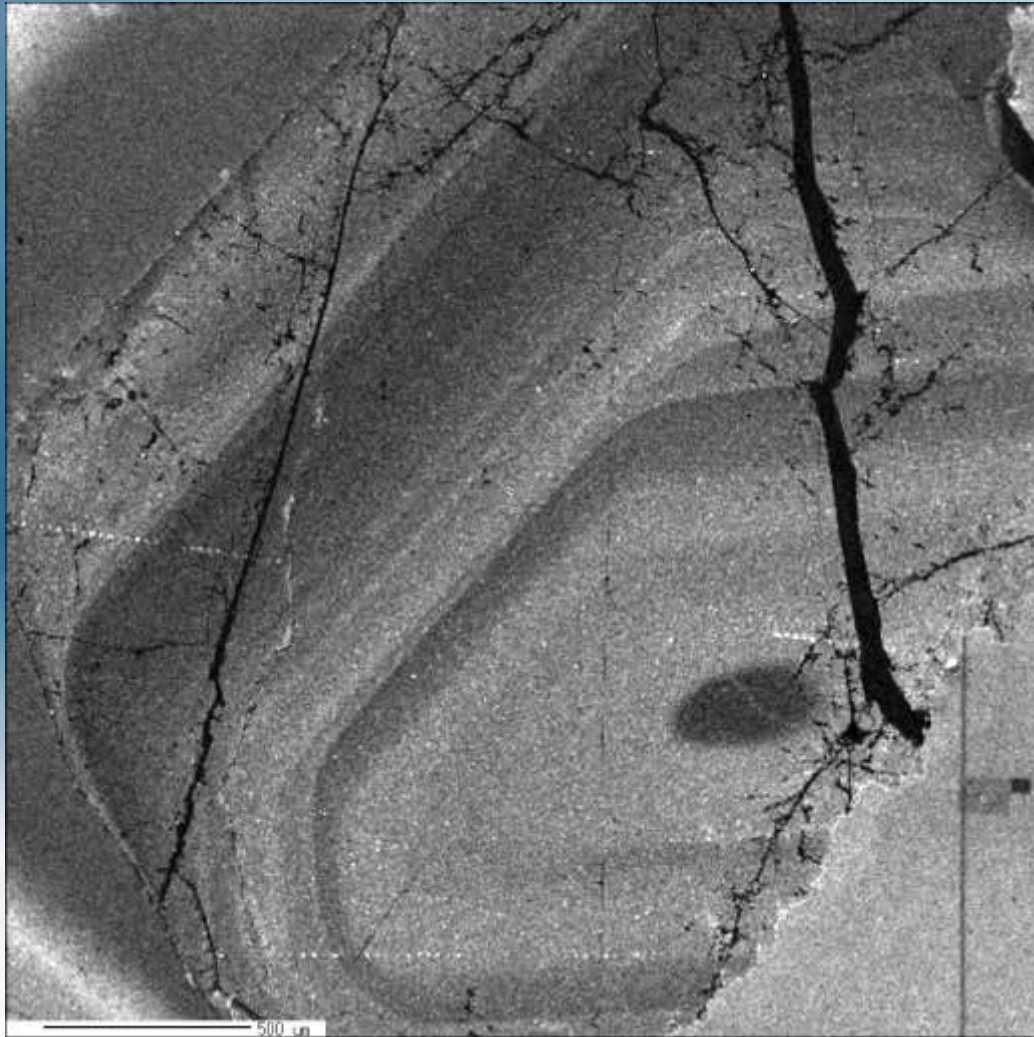


Panchromatic CL



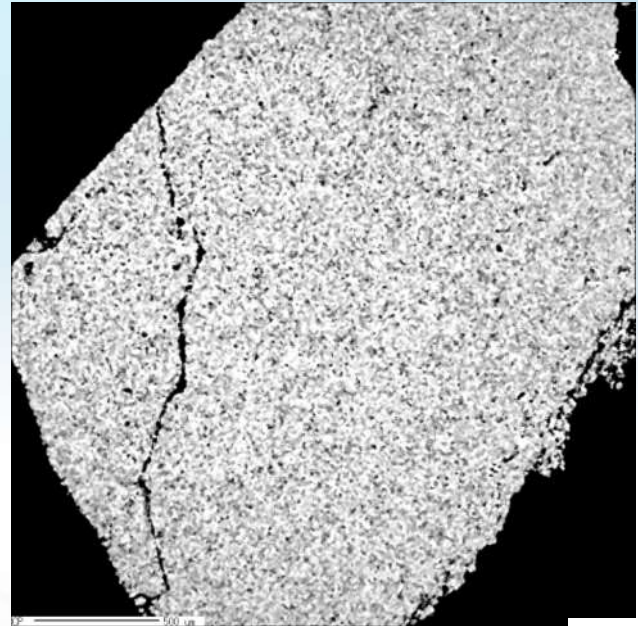
BSE

CL Image of Quartz

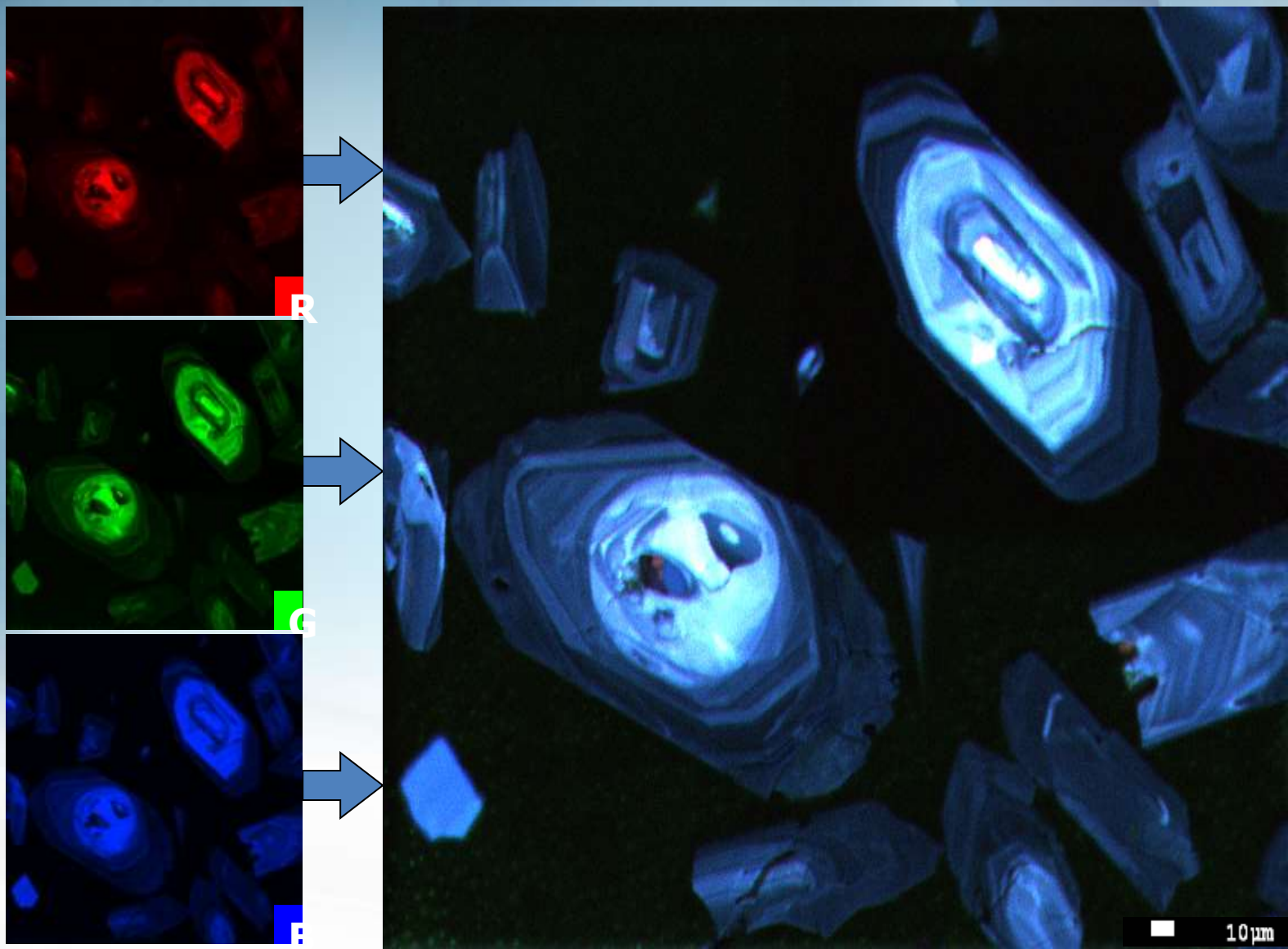


CL

Panchromatic CL Map (Beam Scan)
Acc.V 15.0 kV
Probe Current 5.0 nA
Dwell time 1 ms...total time=5 min.
Points 512*512



BSE



True Color CL Imaging (R+G+B)