



Training B: NaI Scintillator

徐子骏

Xu Zijun



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Outline

- **Goal**
- **Method**
- **Result**



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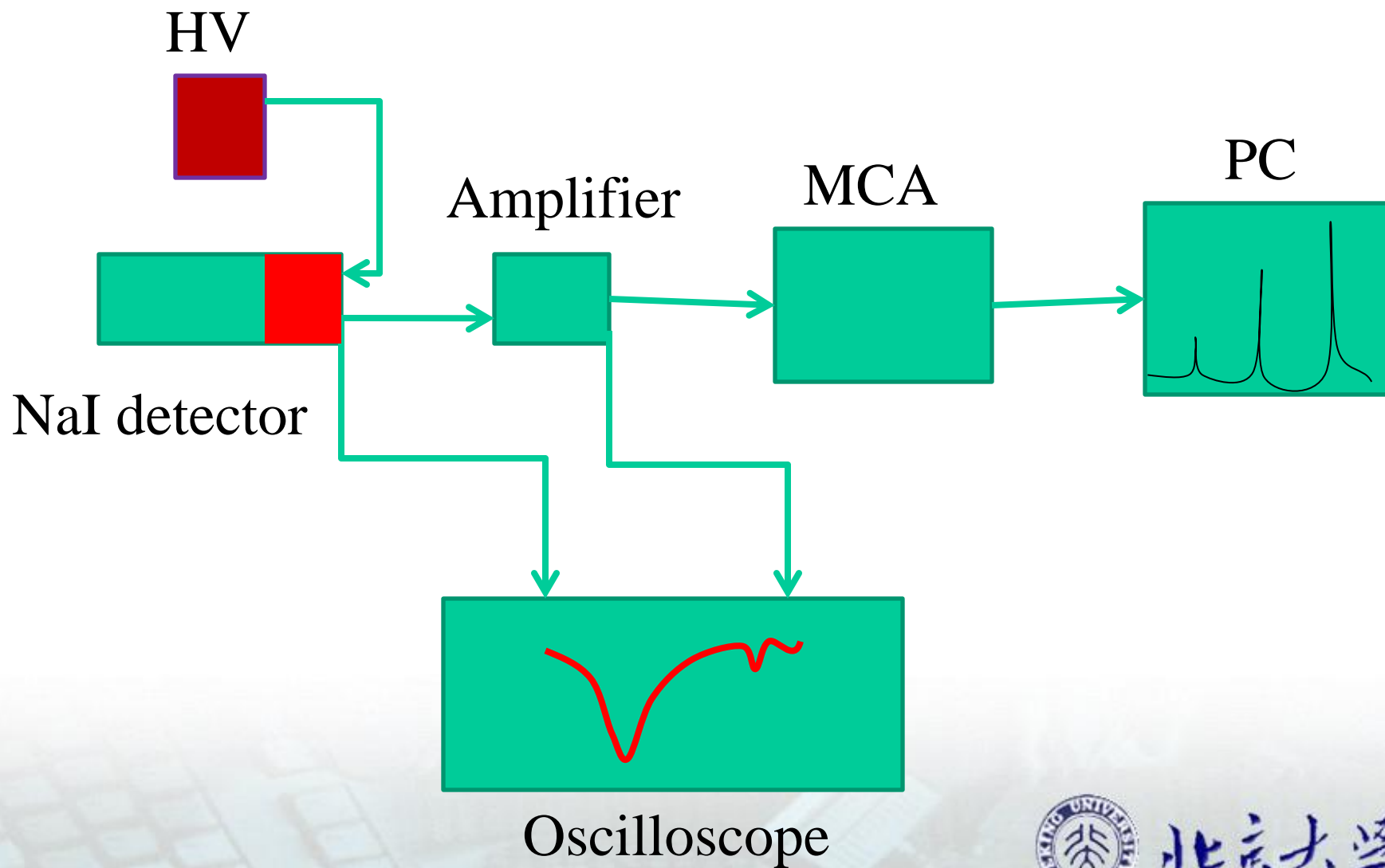
Goal: Know-How

- **Know how to use the devices, like NaI detector, HV, oscilloscope, amplifier, MCA, Computer software...**





Method





Method & Result

- **Connect HV(-1200V) to the NaI(Tl) detector**
- **Detector has 2 signal: One to oscilloscope, the other to amplifier**
- **Signal from amplifier to MCA, then to PC. Get the spectrum (^{22}Na , ^{60}Co).**

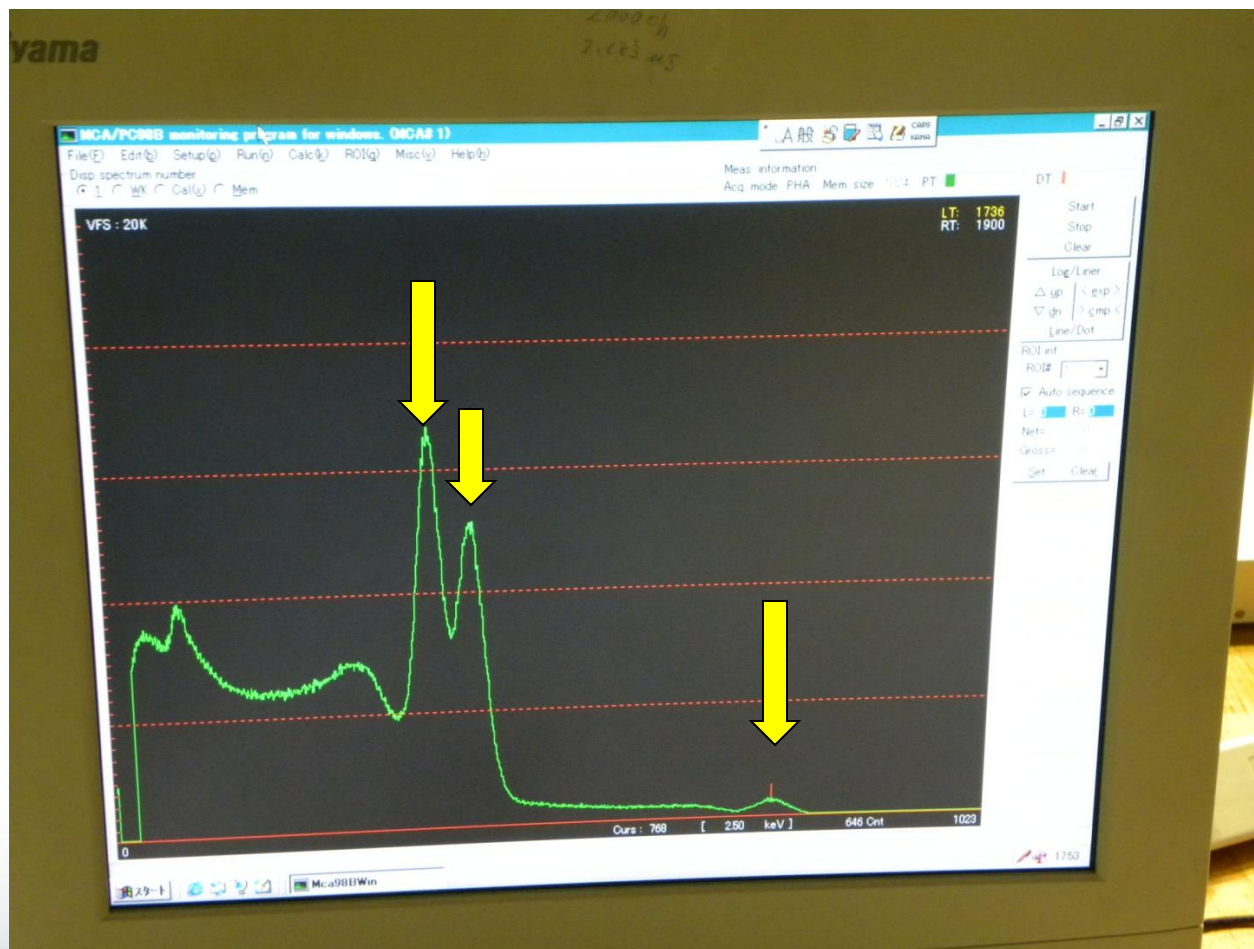


^{22}Na : energy \uparrow width \uparrow



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^{60}Co : 3 peaks energy calibration



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Thank you!

ありがとう



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