



Workshop on μ -XRF imaging training course

23-25 May 2024

Synchrotron Light Research Institute (Public Organization), Nakhon Ratchasima, Thailand

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Day 1

- 08.30-09.00 Registration (*B407 room, 4th Floor*)
- 09.00-09.10 Opening & Welcome
- 09.10-09.40 Basic principle of micro-XRF imaging, TXRF and its application
- 09.40-10.10 Current status and future plan
- 10.10-10.30 Coffee Break
- 10.30-11.30 Special Talk "Measurements of welding joint of copper and stainless steel"
by Dr. Chomphunuch Songsiriritthigul
- 11.30-12.00 Sample preparation
- 12.00-13.30 Lunch
- 13.30-14.30 Introduction to beamline setup (*Experiment Station at BL7.2W*)
- 14.30-15.15 Hands-on session: sample preparation and data collection (*Experiment Station at BL7.2W*)
- 15.15-15.45 Coffee Break
- 15.45-16.30 Hands-on session: sample preparation and data collection (Continue)

Day 2

- 09:00-10.30 Introduction to PyMca and ROI imaging tool (*B407 room, 4th Floor*)
- 10.30-10.45 Coffee Break
- 10.45-12.00 PyMca and ROI imaging analysis workshop (Continue)
- 12.00-13.30 Lunch
- 13.30-15.00 Hands-on session: sample preparation and data collection (*Experiment Station at BL7.2W*)
- 15.00-15.15 Coffee Break
- 15.30-16.30 Hands-on session: sample preparation and data collection (Continue)

Day 3

- 09:00-10.30 Hands-on session: sample preparation and data collection (Continue)
- 10.30-10.45 Coffee Break
- 10.45-12.00 Hands-on session: sample preparation and data collection (Continue)
- 12.00-13.30 Lunch
- 13.30-15.00 Hands-on session: sample preparation and data collection (Continue)
- 15.00-15.15 Coffee Break
- 15.30-16.30 Hands-on session: sample preparation and data collection (Continue)
- 15.15-15.45 Group discussion
- 15.45-16.00 Closing