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# Low Radioactivity Techniques 2017

## Wednesday 24 May 2017

### **Session 2: Low background counting techniques - (11:10-12:10)**

- Conveners: Prof. Kishimoto, Tadafumi

time	title	presenter
11:10	Improving the limits of detection of low background alpha emission measurements	MCNALLY, Brendan
11:30	Precise measurement of Pb210 and Po210 contamination in bulk copper	KOBAYASHI, Kazuyoshi
11:50	Development and implementation of an ultra low background Array of HPGe detectors	SALA, Elena

### **Session 2: Low background counting techniques (13:30-14:50)**

- Conveners: Dr. Loaiza, Pia

time	title	presenter
13:30	Application of AMS for the analysis of primordial nuclides in high purity copper.	KORSCHINEK, Gunther
13:50	Measuring radioactive contamination using ICP-MS	ITO, Shintaro
14:10	Low Radioactivity Techniques based on ICP-MS at Peking University	YUAN, Ying
14:30	New and Improved Tools for More Sensitive ICP-MS Assays	ARNQUIST, Isaac

### **Session 2: Low background counting techniques (15:10-16:10)**

- Conveners: Dr. Loaiza, Pia

time	title	presenter
15:10	Development of CANDLES Low Background HPGe Detector and Half-life Measurement of Ta-180m	CHAN, Wei Min
15:30	Searching for very small amounts of radioactivity by NAA	PIEPKE, Andreas
15:50	Ultra-trace element determination by neutron activation analysis in acrylic material	NASTASI, Massimiliano