

## Agenda: UK - Japan Meeting and Workshop 2023/24

**Monday 15 January 2024**

Japan	UK	Activity
15.30-16.45		<p><b>Japan Session only.</b></p> <p>Greetings: Koji Okamoto, CLADS (5min)</p> <p><b>Instructions for UK-Japan workshop</b>(15min)</p> <p>Nuclear Safety Research Association</p> <p><b>Explanation of the call for proposals</b>(10min)</p> <p>CLADS</p> <p><b>1F Decommissioning information</b></p> <ul style="list-style-type: none"> <li>• <b>Possibility of joint research between UK research seeds and the needs of 1F decommissioning</b></li> </ul> <p>Takayuki Terai (PO), Institute of Applied Energy (30min)</p> <ul style="list-style-type: none"> <li>• <b>Explanation of the current status of 1F decommissioning work</b></li> </ul> <p>Gaku Sato, Tokyo Electric Power Company Holdings, Inc. (15min)</p>

Japan	UK	Activity
17.00-20.10	08.00-11.10	<p><b>Joint UK - Japan Session</b></p> <p><b>Co-Chairs: Malcolm Joyce (UK) and Takayuki Terai (JPN)</b></p> <p><b>Link to join meeting:</b> <a href="https://us02web.zoom.us/j/82615429350">https://us02web.zoom.us/j/82615429350</a></p> <p><b>Please join up to 15 min before the start so we can begin promptly.</b></p>
17.00	08.00	<p><b>Opening remarks</b></p> <p><b>Malcolm Joyce</b>, Lancaster University, UK</p> <p><b>Hajimu Yamana (PD)</b>, Nuclear Damage Compensation and Decommissioning Facilitation Corporation, Japan</p>
17.15	08.15	<p><b>Keynote: Progress in Sellafield and UK nuclear decommissioning</b></p> <p><b>Roger Cowton</b>, Sellafield Ltd</p>
17.35	08.35	<p><b>Keynote: Overview of Fukushima Daiichi nuclear decommissioning</b></p> <p><b>Gaku Sato</b>, Tokyo Electric Power Company Holdings, Inc., Japan</p>
17.55	08.55	<p><b>Questions for keynote speakers</b></p>
18.00	09.00	<p><b>Tom Scott</b>, University of Bristol and</p> <p><b>Shuichiro Miwa</b>, The University of Tokyo (Phase 8)</p>
18.15	09.15	<p><b>Rizuwana Parween</b>, University of Sussex and</p> <p><b>Hajime Asama</b>, The university of Tokyo (Phase 8)</p>
18.30	09.30	<p><b>Comfort break – 15 mins</b></p>
18.45	09.45	<p><b>Matthew Hale</b>, Manchester University and</p> <p><b>Minoru Watanabe</b>, Okayama University (Phase 9)</p>
19:00	10.00	<p><b>Yiwei Zhang and Cong Chao</b>, University College London and</p> <p><b>Takehiko Tsukahara</b>, Tokyo Institute of Technology (Phase 9)</p>
19.15	10.15	<p><b>New partner matching talks</b></p> <p>40 min: 10 x 4.5 min introduction talks with 1 slide per person (4 min talk, 0.5 min changeover); 5 x UK talks, 5 x Japan talks.</p> <p>10 min: plenary feedback and advice session.</p>
		<ul style="list-style-type: none"> <li>• Hanwool Woo, Kogakuin University, Japan</li> <li>• Andrew Buchan, Queen Mary's University, London</li> <li>• Tetsuo Sakamoto, Kogakuin University, Japan</li> <li>• Farid Aiouache, Lancaster University</li> <li>• Yosuke Yamashiki, Kyoto University, Japan</li> <li>• Claire Corkhill, University of Bristol</li> <li>• David Harbottle, University of Leeds</li> </ul>
20.10	11.10	<p><b>Close of first Joint Session (Malcolm Joyce, UK)</b></p>

Japan	UK	Activity		
	11.30-12.45	<p><b>UK Session only.</b></p> <p>Discussion of UK decommissioning research priorities and ideas for 2024, in four key themes. Delegates will have the report from the joint meeting and workshop in 2022-23, circulated in advance, and focus on prioritising research areas and identifying gaps to address. Results are captured on a PowerPoint template to form a summary presentation for second joint session. Each session produces 3 x power point slides.</p> <p><b>Link to join meeting:</b> Meeting link will be added here closer to the meeting</p> <p><b>Please join up to 15 min before the start so we can begin promptly</b></p>		
	11.30	<p><b>Introduction to parallel discussion sessions and task</b></p> <p>Malcolm Joyce, Lancaster University, UK</p>		
	11.40	<p><b>1. Radioactive waste treatment, packaging, and storage</b></p> <p>Michael Rushton, University of Bangor, UK</p>	<p><b>2. Remote handling, robotic, and autonomous systems in decommissioning</b></p> <p>Barry Lennox, University of Manchester, UK</p>	<p><b>3. Environmental behaviour and impacts of radionuclide release &amp; Management of risk and degraded infrastructure</b></p> <p>Andy Cundy, University of Southampton, UK</p>
	12.25	<p><b>Plenary discussion and feedback – 5 min per group</b></p> <p>Session leaders will summarise key research priorities and ideas. Opportunity to identify gaps / further consideration by participants.</p>		
	12.45	<p><b>Wrap up and close of UK Only Session (Malcolm Joyce, UK)</b></p>		

Tuesday 16 January 2024

Japan	UK	Activity			
17.30-20.15	08.30-11.15	<b>Joint UK – Japan Session</b> Discussion of UK and Japan decommissioning priorities and ideas for research in 2024, in three key themes. The discussion will use the input captured in the PowerPoint templates from the UK only sessions as a starting point. <b>Link to join meeting:</b> <a href="https://us02web.zoom.us/j/86347826961">https://us02web.zoom.us/j/86347826961</a> <b>Please join up to 15 min before the start so we can begin promptly.</b>			
17.30	08.30	<b>Welcome and orientation</b> <b>Malcolm Joyce</b> , Lancaster University, UK			
17.35	08.35	<b>Summary presentation of UK - Japan decommissioning priorities and ideas for research</b> , in three key themes <b>Malcolm Joyce</b> , Lancaster University, UK <b>Takayuki Terai</b> , Institute of Applied Energy, Japan			
17.55	08.55	<b>Introduction to parallel discussion sessions and task</b> Malcolm Joyce, Lancaster University In each parallel session: the UK session leaders introduce last year's discussion points. There will be research introductions from both UK and Japanese researchers. The group will discuss how the research topic could be shaped and focused to best meet the joint research needs of the UK and Japan. The main points of the discussion, and points that could be matched in UK and Japanese will be organized and summarized in a single PowerPoint.			
18.00	09.00	<table border="1"> <tbody> <tr> <td> <b>1. Radioactive waste treatment, packaging, and storage</b>            Michael Rushton, University of Bangor, UK            Tetsuo Iguchi, Nagoya University, Japan         </td> <td> <b>2. Remote handling, robotic, and autonomous systems in decommissioning</b>            Barry Lennox, University of Manchester, UK            Michitsugu Mori, Hokkaido University, Japan         </td> <td> <b>3. Environmental behaviour and impacts of radionuclide release &amp; Management of risk and degraded infrastructure</b>            Andy Cundy, University of Southampton, UK            Tadafumi Koyama, Central Research Institute of Electric Power Industry, Japan         </td> </tr> </tbody> </table>	<b>1. Radioactive waste treatment, packaging, and storage</b> Michael Rushton, University of Bangor, UK Tetsuo Iguchi, Nagoya University, Japan	<b>2. Remote handling, robotic, and autonomous systems in decommissioning</b> Barry Lennox, University of Manchester, UK Michitsugu Mori, Hokkaido University, Japan	<b>3. Environmental behaviour and impacts of radionuclide release &amp; Management of risk and degraded infrastructure</b> Andy Cundy, University of Southampton, UK Tadafumi Koyama, Central Research Institute of Electric Power Industry, Japan
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19.15	10.15	<b>Plenary discussion and feedback (with English to Japanese translation)</b> Session leaders will summarise key research priorities and ideas (3 x 5 min). Opportunity to identify gaps / further consideration by participants (3 x 5 min) Note: there will be consecutive translation between English and Japanese available in this session. If required, this will be provided.			
19.55	10.55	<b>Presentation of 2024 Call and Q&amp;A</b> EPSRC & CLADS			
20.15	11.15	<b>Close of second Joint Session, Meeting and Workshop (Takayuki Terai, Japan)</b>			