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| **YGN Introduction to Criticality and Shielding****1 Day Event - 30th March 2023** |
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| 08:30 | 09:00 |   | *00:30* | ***Registration*** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 09:00 | 09:10 |   | *00:10* | Welcome Talk - Health and Safety - Sponsor Talk**Frances Yates - (Sellafield Limited) / Sponsor** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 09:10 | 09:45 |   | *00:35* | What is Criticality - 101**Katrina Christaki - (Cerberus Nuclear)** |  |
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| 09:45 | 10:20 |   | *00:35* | What is Shielding – 101**Anton Murfin - (National Nuclear Laboratory)** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 10:20 | 10:35 |   | *00:15* | ***Coffee Break*** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 10:35 | 11:00 |   | *00:25* | Applications – Submarines**Phillip Hearn - (BAE)** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 11:00 | 11:25 |   | *00:25* | Applications – Medical**Jill Reay - (Aurora)** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 11:25 | 11:50 |   | *00:25* | Applications – Decommissioning**Ashley Haney – (Atkins) & David Vernon – (Magnox)** |  |
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| 11:50 | 12:15 |   | *00:25* | Applications - UK Geological Disposal Facility (GDF)**Liam Payne - (Nuclear Waste Services)** |  |
|   |   |   |  |   |  |
| 12:15 | 13:15 |   | *01:00* | ***Lunch***  |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 13:15 | 13:25 |   | *00:10* | Welcome Back**Frances Yates - (Sellafield Limited)** |  |
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| 13:25 | 13:50 |   | *00:25* | Applications – Fusion**John Billingsley (Cerberus Nuclear)** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 13:50 | 14:15 |   | *00:25* | Application of Criticality Safety to Transport **Charlotte Davis - (NTS)**  |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 14:15 | 14:40 |   | *00:25* | Nuclear Criticality Safety: Not just the Physics of Neutrons**Mark Savage - (Urenco)** |  |
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| 14:40 | 15:05 |   | *00:25* | Lessons Learned – The Importance of Being a Wise Person**Deborah Hill - (National Nuclear Laboratory)** |  |
|   |   |   |  |   |   |   |   |   |   |  |
| 15:05 | 15:20 |   | *00:15* | ***Coffee Break*** |  |
|   |   |   |  |  |  |
| 15:20 | 15:45 |   | *00:25* | A day in the life of... Shielding Assessor**Sam Hilton - (Cerberus Nuclear)** |  |
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| 15:45 | 16:10 |   | *00:25* | A day in the life of... Criticality Assessor**Amy van der Vyver - (Sellafield Limited)** |  |
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| 16:10 | 16:40 |   | *00:30* | Q&A Panel Session**Frances Yates - (Sellafield Limited)** |  |
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| 16:40 | 16:50 |   | *00:10* | Event Close / Thank you**Frances Yates - (Sellafield Limited)** |  |
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| 16:50 | 17:00 |   | *00:10* | ***Networking*** |  |
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