

<b>BCC Cryogenics Course 2021</b>				
	<b>Lecture topics</b>	<b>Speakers</b>	<b>Session chairs</b>	<b>Co-ordinators</b>
Day 1 (PM)	12:30 Welcome and course introduction	Beth Evans (CCFE, BCC Chair)	Ziad Melhem (Oxford Quantum Solutions)	Chris Lawson (STFC)
Monday	12:40 History and overview of cryogenic systems	John Weisend (ESS)		
12th April 2021	13:30 Matter at low temperatures	Andy May (STFC)		
	14:20 Cryocoolers	Tom Bradshaw (STFC)		
	15:10 Break			
	15:25 Cryostat design: Part 1	Charles Monroe (Monroe Brothers)	M'hamed Lakrimi (Siemens Magnet Technology)	Matt Hills (STFC)
	16:15 Cryostat design: Part 2	Viktor Tseplin (Lancaster)		
	17:05 Close			
Day 2 (PM)	12:30 User safety	Rob Done (STFC)	Oleg Kirichek (STFC)	Andy May (STFC)
Tuesday	13:20 Multi-layer insulation	Bryan Shaughnessy (STFC)		
13th April 2021	14:10 Cooling a cryostat	Matt Hills (STFC)		
	15:00 Break			
	15:15 Design safety	Rob Done (STFC)	Matt Hills (STFC)	M'hamed Lakrimi (Siemens Magnet Technology)
	16:05 Operation below 4.2 K	Chris Lawson (STFC)		
	16:55 Close			
Day 3 (PM)	12:30 Instrumentation, wiring, and sensors	Scott Courts (Lake Shore)	Andy May (STFC)	Chris Lawson (STFC)
Thursday	13:20 High Voltage Engineering at Low Temperatures	Roland Piccin (ITER)		
15th April 2021	14:10 Software	Niklas Templeton (STFC)		
	15:00 Break			
	15:15 Helium production, liquefaction and storage	Pascale Dauguet (Air Liquide)	Richard Down (STFC)	Andy May (STFC)
	16:05 Pipelines, bayonets, couplings, and valves	David Cooke (Thames Cryogenics)		
	16:55 Close			
Day 4 (PM)	12:30 Cryogenics at large scale research facilities 1: beam applications	Oleg Kirichek (STFC)	Chris Lawson (STFC)	M'hamed Lakrimi (Siemens Magnet Technology)
Friday	13:20 Cryogenics at large scale research facilities 2: SRF, accelerators, magnets	Shrikant Pattalwar (STFC)		
16th April 2021	14:10 Cryogenics at large scale research facilities 3: fusion	Nanna Heiberg (CCFE)		
	15:00 Break			
	15:15 Cryogenics for quantum technology and physical sciences	Ziad Melhem (Oxford Quantum Solutions)	John Vandore (Harwell Campus)	Matt Hills (STFC)
	16:05 Industrial cryogenics	Jon Trembley (Air Products)		
	16:55 Summary and conclusions	Beth Evans (CCFE, BCC Chair)		
	17:05 Close			