

	CEST (UTC +2h)	Studio 1	Studio 2	Studio 3	Studio 4	Studio 5	Tutorial Channel (GoToWebinar)	AEST (UTC +10h)	MDT (UTC -6h)
Wednesday 18 August	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		2000	0400
	1300	<b>GDM B4 – DC systems and power electronics</b>	<b>GDM C5 – Electricity markets and regulation</b>	<b>GDM B1 – Insulated cables</b>	<b>GDM C1 – Power system development and economics</b>	<b>GDM B2 – Overhead lines</b>	<b>A1 : Impact of Cycling on Large Electrical Motors</b>	2100	0500
	1400						<b>D2 : Enabling Future Transmission and Distribution Interoperability with Enhanced Information and Data Exchange</b>	2200	0600
	1500							2300	0700
	1600							2400	0800
		CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV			
		CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV			
Thursday 19 August	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		2000	0400
	1300	<b>GDM B4 – DC systems and power electronics</b>	<b>GDM C5 – Electricity markets and regulation</b>	<b>GDM B1 – Insulated cables</b>	<b>GDM C1 – Power system development and economics</b>	<b>GDM B2 – Overhead lines</b>	<b>A2 : On-Site Assembly, On-Site Rebuild, and On-Site High Voltage Testing of Power Transformers</b>	2100	0500
	1400						<b>A3 : State of the art of DC circuit breakers in T&amp;D</b>	2200	0600
	1500							2300	0700
	1600							2400	0800
		CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV			
		CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV			
Friday 20 August	1200	CIGRE TV	CIGRE TV					2000	0400
	1300	<b>Opening ceremony</b>					<b>C5 : Application of Blockchain to Electricity Markets</b>	2100	0500
	1400	<b>Opening panel</b>	<b>A3 &amp; B3 workshop :</b> The impact of SF6-free alternatives in T&D substations and its switchgear switching equipment				<b>C1 : Development of a power system that mitigates climate change and is adapted to the change that we can't avoid</b>	2200	0600
	1500							2300	0700
	1600							2400	0800
		CIGRE TV	CIGRE TV						
		CIGRE TV	CIGRE TV						

	CEST (UTC +2h)	Studio 1	Studio 2	Studio 3	Studio 4	Studio 5	Tutorial Channel (GoToWebinar)	AEST (UTC +10h)	MDT (UTC -6h)
<b>Monday 23 August</b>	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		2000	0400
	1300		<b>NGN forum</b>	<b>C6 &amp; C1 workshop :</b> Hydrogen supporting the energy transition	<b>C4 workshop :</b> EMT analysis for large-scale system impact studies in power systems having a high penetration of inverter connected generation	<b>C2 &amp; C5 workshop :</b> Large disturbances in power systems and markets	<b>C6 : Rural electrification</b>	2100	0500
	1400	<b>WIE forum</b>						2200	0600
	1500						<b>D1 : Dielectric Testing of Gas-Insulated HVDC Systems</b>	2300	0700
	1600							2400	0800
			CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		
<b>Tuesday 24 August</b>	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		2000	0400
	1300	<b>GDM B5 - Protection and automation</b>	<b>GDM C4 - Power system technical performance</b>	<b>GDM A2 - Power transformers and reactors</b>	<b>GDM D2 - Information systems and telecommunication</b>	<b>GDM D1 - Materials and emerging test techniques</b>	<b>C6 : Multi-energy system interactions in distribution grids</b>	2100	0500
	1400						<b>B3 : Management of risk in substations</b>	2200	0600
	1500							2300	0700
	1600							2400	0800
			CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		
<b>Wednesday 25 August</b>	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		2000	0400
	1300	<b>GDM B5 - Protection and automation</b>	<b>GDM C4 - Power system technical performance</b>	<b>GDM A2 - Power transformers and reactors</b>	<b>GDM D2 - Information systems and telecommunication</b>	<b>GDM D1 - Materials and emerging test techniques</b>	<b>B2 : State of the art on sustainability of overhead line conductors and fittings - conductor condition assessment</b>	2100	0500
	1400						<b>C2 : Operating strategies and preparedness for system operational resilience</b>	2200	0600
	1500							2300	0700
	1600							2400	0800
			CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		

**GDM** Group Discussion Meeting

CIGRE TV

CIGRE TV will run for ½ an hour each day before and after the technical programme.

	CEST (UTC +2h)	Studio 1	Studio 2	Studio 3	Studio 4	Studio 5	Tutorial Channel (GoToWebinar)	AEST (UTC +10h)	MDT (UTC -6h)
Thursday 26 August	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	<b>B4</b> : HVDC harmonics - topical and emerging issues for AC and DC sides  <b>B5</b> : Protection, Automation and Control of the Evolving Grid	2000	0400
	1300	<b>GDM B3 – Substations and electrical installations</b>	<b>GDM C2 – Power system operation and control</b>	<b>GDM C6 – Active distribution systems and distributed energy resources</b>	<b>GDM A1 – Rotating electrical machines</b>	<b>GDM A3 – Transmission and distribution equipment</b>		2100	0500
	1400							2200	0600
	1500							2300	0700
	1600							2400	0800
			CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		CIGRE TV	
Friday 27 August	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	<b>C4</b> : Challenges with series compensation applications; the case of overcompensated lines  <b>B1</b> : Installation of HV / EHV cable links	2000	0400
	1300	<b>GDM B3 – Substations and electrical installations</b>	<b>GDM C2 &amp; C6</b>	<b>GDM C3 – Power system environmental performance</b>	<b>GDM A1 – Rotating electrical machines</b>	<b>GDM A3 – Transmission and distribution equipment</b>		2100	0500
	1400							2200	0600
	1500							2300	0700
	1600							2400	0800
			CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		CIGRE TV	

Contributions to Group Discussion Meetings are open now for all registered delegates.

### For more information:

**Web:** [session.cigre.org](http://session.cigre.org)

**Email:** [registrations@cigre.org](mailto:registrations@cigre.org)

**Online:** [session.cigre.org/form/contact-us](http://session.cigre.org/form/contact-us)

Please note this is v1 of the programme. CIGRE will update this document as more detail is confirmed.

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