

	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	<b>A1</b> : Impact of Cycling on Large Electrical Motors  <b>D2</b> : Enabling Future Transmission and Distribution Interoperability with Enhanced Information and Data Exchange	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>		2100	0500
	1400							2200	0600
	1500							2300	0700
	1600							2400	0800
	CIGRE TV							CIGRE TV	CIGRE TV
Thursday 19 August	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	<b>A2</b> : On-Site Assembly, On-Site Rebuild, and On-Site High Voltage Testing of Power Transformers  <b>A3</b> : State of the art of DC circuit breakers in T&D	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>		2100	0500
	1400							2200	0600
	1500							2300	0700
	1600							2400	0800
	CIGRE TV							CIGRE TV	CIGRE TV
Friday 20 August	1200	CIGRE TV	CIGRE TV				<b>C5</b> : Market design for short term flexibility  <b>C1</b> : Development of a power system that mitigates climate change and is adapted to the change that we can't avoid	2000	0400
	1300	<b>Opening ceremony</b>  <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					2100	0500
	1400							2200	0600
	1500							2300	0700
	1600							2400	0800
	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>	1000								0200
	1100								0300
	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	<b>ETIP-SNET : Energy Systems of 2050</b>		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>	0500
	1400	<b>WIE forum</b>					<b>D1 : Dielectric Testing of Gas-Insulated HVDC Systems</b>		0600
	1500							0700	
	1600	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		0800	
<b>Tuesday 24 August</b>	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	<b>C6 : Multi-energy system interactions in distribution grids</b>		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>B3 : Management of risk in substations</b>	<b>Think Smartgrids : What skill are needed for tomorrow's electricity networks?</b>
	1400								0600
	1500								0700
	1600	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		0800

**GDM** Group Discussion Meeting

CIGRE TV

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	CEST (UTC +2h)	Studio 1	Studio 2	Studio 3	Studio 4	Studio 5	Tutorial Channel (GoToWebinar)	AEST (UTC +10h)	MDT (UTC -6h)	
Wednesday 25 August	1000							1800	0200	
	1100						<b>SEE - Ampère 200 ans :</b> Ampere, from the great scientist to the quantic unit	1900	0300	
	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 :</b> State of the art on sustainability of overhead line conductors and fittings - conductor condition assessment	2100	0500
	1400							<b>C2 :</b> Operating strategies and preparedness for system operational resilience	2200	0600
	1500								2300	0700
	1600	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		2400	0800	
Thursday 26 August	1200	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		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>		<b>B4 :</b> HVDC harmonics - topical and emerging issues for AC and DC sides	2100	0500
	1400								2200	0600
	1500							<b>B5 :</b> Protection, Automation and Control of the Evolving Grid	2300	0700
	1600	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV		2400	0800	

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Friday 27 August	CEST (UTC +2h)	Studio 1	Studio 2	Studio 3	Studio 4	Studio 5	Tutorial Channel (GoToWebinar)	AEST (UTC +10h)	MDT (UTC -6h)
		1200	CIGRE TV <b>GDM B3 – Substations and electrical installations</b>	CIGRE TV <b>GDM C2 &amp; C6 – System operation challenges with increasing use of distributed energy resources</b>	CIGRE TV <b>GDM C3 – Power system environmental performance</b>	CIGRE TV <b>GDM A1 – Rotating electrical machines</b>	CIGRE TV <b>GDM A3 – Transmission and distribution equipment</b>	<b>C4</b> : Challenges with series compensation applications; the case of overcompensated lines  <b>B1</b> : Installation of HV / EHV cable links	2000
	1300						2100		0500
	1400						2200		0600
	1500						2300		0700
	1600	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	CIGRE TV	2400		0800

Contributions to Group Discussion Meetings are open 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)

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