

ESPC

Technical programme



**14TH EUROPEAN SPACE
POWER CONFERENCE**
5TH OCTOBER - 9TH OCTOBER 2026



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	9:00-10:40 Tutorial: GAN 101: when, why, and how to use gallium nitride power transistors in your next design Tutorial: Introduction to Solar Cells and Solar Arrays for Space Application Tutorial: Space environments and their effect on power systems	09:00-09:25 Power Management-1: DC-DC Converter I Power Management-1b: Electric Propulsion I Solar Generator-1: 10-V Solar cells (I) Energy Storage-1: Battery Health and Diagnostics	09:00-09:25 Power Management-2: DC-DC Converters II Power Management-2b: Electric Propulsion II Solar generator-3: Solar array performance and design (II) Energy Storage-3: Next-Generation Battery Technologies	09:00-09:25 Power Management-7: DC-DC Converter III Power Management-7b: High Voltage Converters and Techniques Solar generator-7: Silicon & Perovskite Solar cells (I) Energy Storage-7: Advanced Energy Storage	09:25 - 09:50 Power Management-11: Motor drives and Control Solar generator-11: From Terrestrial to Space (PVA) Energy Storage-11: Nuclear Electric Propulsion and Thermoelectric Power Conversion
	10:40-11:10 Coffee Break	10:40 - 11:10 Coffee Break (Sponsored by Halm)	10:40 - 11:10 Coffee Break (Sponsored by Airbus)	10:40 - 11:10 Coffee Break	10:40 - 11:10 Coffee Break
	11:10-12:50 Tutorial: Advanced digital control for space power electronics: from modeling to adaptive and reconfigurable control Tutorial: Solar cell degradation in space due to particle irradiation Tutorial: Making Space Systems Electromagnetically Compatible: Practical EMC Verification from Unit to Spacecraft	11:10 - 11:35 Power Management-2: Power Systems Architectures I Power Management-2b: Digital Control I Solar generator-2: In orbit performance & ground testing (Solar Array) Energy Storage-2: Battery Qualification and Ageing	11:30 - 11:35 Power Management-4: Power Systems Architectures II Power Management-4b: Digital Control II Solar generator-4: 10-V Solar cells (II) Energy Storage-4: Space Battery Systems	11:10 - 11:35 Power Management-8: Power Systems Architectures III Power Management-8b: IEEE Components Solar generator-7: Silicon & Perovskite Solar cells (II) Energy Storage-8: Fuel Cells and Regenerative Energy Systems for Space Exploration	11:10 - 11:35 Power Management-12: Power Systems Architectures IV Solar generator-12: Concentrator & Nanowire technologies Energy Storage-12: Advanced Radiolotope Power Systems
	13:00-14:15 Lunch	13:00 - 14:00 Lunch	13:00 - 14:15 Lunch	13:00 - 14:15 Lunch	13:00 - 14:30 Lunch
	14:20-14:40 Opening of the Plenary Session	14:00 - 15:30 Poster Session Includes lunch dessert and coffee break	14:20 - 14:45 Power Management-5: Distribution and Protection I Power Management-5b: Simulation Techniques I Solar generator-5: Environmental effects on performance (PVA) Energy Storage-5: Battery Safety, Management and Sustainability	14:20 - 14:45 Power Management-9: Distribution and Protections II Power Management-9b: Simulation Techniques II Solar generator-9: Flexible Solar Array Energy Storage-9: Nuclear Technologies and Radiolotope Power Sources for Space Exploration Tutorial / Keynote	
	14:40-15:20 BepiColombo mission to Mercury		14:45 - 15:10 Coffee Break	14:45 - 15:10 Coffee Break	
	15:20-16:00 F1 Ferrari and Space: two worlds, one mission	15:35 - 16:00 Round Table: APA/ADA Solar generator-2.5: Solar array performance and design (I) Round Table: Power sources for a journey on the Moon	15:35 - 16:00 Power Management-6: GaN and SiC technologies I Power Management-6b: EMC Techniques I Solar generator-6: Towards high volume production (PVA) Energy Storage-6: In-Orbit Battery Performance and Right Heritage	15:35 - 16:00 Power Management-10: GaN and SiC Technologies II Power Management-10b: EMC Techniques II Solar generator-10: Flexible Solar Array Energy Storage-10: Lunar and Nuclear Power Systems	
	16:00-16:20 Coffee Break		16:00 - 16:20 Coffee Break	16:00 - 16:20 Coffee Break	
	16:20-17:00 ESA's L4 mission to Enceladus: from first concepts to the search for life beyond Earth	16:25 - 16:50 Challenges and Opportunities in Power Delivery for Nvidia GPUs	16:20 - 16:45 Cocktail Sponsored by OHB	16:20 - 16:45 Gala Cocktail Sponsored by Azur	
	17:00-17:40 Final word		16:45 - 17:10 Cocktail Sponsored by OHB	16:45 - 17:10 Gala Dinner Sponsored by Saft	
18:00-20:00 Pre-registration and Welcome Drink	17:45-19:45 Exhibition Opening Cocktail Sponsored by Evoleo			18:30 - 20:00 Gala Cocktail Sponsored by Azur	
				20:00-24:00 Gala Dinner Sponsored by Saft	

