

JOINT 2nd BRAZILIAN / INTERAMERICAN SCHOOL AND WORKSHOP ON ELECTRIC SPACE PROPULSION

March 9 to 13, 2026 – AEB & UnB/FINATEC, Brasilia-DF, Brazil

Time	Monday (Mon)	Tuesday (Tue)	Wednesday (Wed)	Thursday (Thu)	Friday (Fri)
08:00 – 09:00	8:30 Opening Ceremony Finatec Auditorium	Hall Thruster Development at the University of Brasilia Prof. José Leonardo Ferreira (UnB) Chair: Rodrigo Intini Marques	Helicon Plasma and Ambipolar Thrusters Prof. Rodrigo Miranda (UnB) Chair: Juan Pablo Salazar	Development of a Variable Specific Impulse Pulsed Plasma Thruster Dr. Diogo Leon Oliveira Soares (INPE) Chair: Rodrigo Intini Marques	Himilcon Carvalho (Visiona Tecnologia Espacial) Chair: Rodrigo Miranda
09:00 – 09:45			Development of Plasma Diagnostics for Electric Propulsion Dr. Alonso Castro (UnB) Chair: Juan Pablo Salazar	Thrust Measurement Techniques for Electric Propulsion Dr. Marcelo Anselmo (INPE) Chair: Rodrigo Intini Marques	Electric Propulsion Development at ThrustMe MSc. Fernanda Cyrne (ThrustMe, online) Chair: Rodrigo Miranda
09:45 – 10:00	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
10:00 – 11:00	Status of Electric Propulsion Prof. Michael Keidar (GWU) Chair: José Leonardo Ferreira	Particle-in-cell Simulations of Plasmas for Electric Propulsion Prof. Rodrigo Miranda (UnB) Chair: Argemiro Sobrinho	From Southampton to Mars - a Journey in Electric Propulsion Prof. Stephen Gabriel (U. Southampton) Chair: Paolo Gessini	(Title TBD) Prof. Edgar Choueiri (Princeton U.) Chairs: José Leonardo Ferreira, Argemiro Sobrinho	10:00 Célio Costa Vaz (Orbital Engenharia) 10:30 Jadir N. Gonçalves (Fibraforte Engenharia Indústria e Comércio) Chair: José Leonardo Ferreira
11:00 – 12:00	11:00 Electric Propulsion in Brazil Prof. Paolo Gessini (AEB) 11:30 Research in Space Electric Propulsion at INPE Rodrigo Intini Marques (INPE) Chair: José Leonardo Ferreira	Overview of QinetiQ EP activities in the UK and TII activities in the UAE Dr. Ismat Rudwan (TII/UAE, online) Chair: Argemiro Sobrinho	Initial Development of a Microwave Thruster with Hydrogen Peroxide Prof. Gil Pinheiro (UERJ, online) Chair: Paolo Gessini	(Title TBD) Bernardo Vieira Magaldi (Orbital Engenharia) Chairs: José Leonardo Ferreira, Argemiro Sobrinho	11:00 Gesil Amarante (UESC) 11:30 Leonardo Souza (IdeaSpace) Chair: José Leonardo Ferreira
12:00 – 15:00	LUNCH – FINATEC	LUNCH – FINATEC	LUNCH – FINATEC	LUNCH – FINATEC	12:00 - 14:00 LUNCH – FINATEC
15:00 – 16:00	Discrete Unified Gas Kinetic Scheme for MHD Flows - an Implementation in OpenFOAM Prof. Juan Pablo Salazar (UFSC) Chair: Rodrigo Miranda	Development of a Miniaturized Hall Thruster for CubeSats MSc. Helbert Coelho Júnior Chair: Rodrigo Miranda	Poster session with short oral presentations (1/2) Chair: Helbert Coelho Júnior	(Title TBD) Prof. Gesil Amarante Segundo (UESC) Chair: Rodrigo Miranda	14:00 - 15:00: Panel: The Role of Aerospace Industries in Brazil within the Brazilian Space Program Marcos Chamon, Himilcon Carvalho, Célio Costa Vaz, Jadir N. Gonçalves, Leonardo Souza, Paolo Gessini, Rodrigo Intini Marques
16:00 – 16:15	16:00 – 17:00 (Title TBD) Prof. Argemiro Sobrinho (ITA) Chair: Rodrigo Miranda	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	15:00 – 16:00: Round Table 2: Proposals for the Brazilian Space Program: "A Brazilian small satellite mission with electric propulsion"
16:15 – 17:10	16:00 Welcome Drinks		Round Table 1: Current and future prospects for a Brazilian small satellite mission with electric propulsion Michael Keidar, Stephen Gabriel	Poster Session with short oral presentations (2/2) Chair: João Bittencourt	16:00 - 16:15 COFFEE BREAK
17:15 – 18:00				Visit to the Plasma Physics Laboratory at UnB	16:15 Closing ceremony
EVENING	-	-	-	-	Closing Dinner