



CIEEMAT
2025 26 A 28
NOVEMBRO

PROGRAMA FINAL

Local: Campus Politécnico 10, Edifício BioBIP, sala 235

Dia 26 de novembro

09.00 – 09.30	Registo
09.30 – 10.00	Sessão de abertura
10.00 – 10.30	Keynote – Ronney Boloy Chair: Paulo Brito
10.30 – 11.00	Coffee break e sessão de posters
11.00 – 12.30	Sessão 1 de apresentação de artigos Chair: Catarina Nobre
12.30 – 14.00	Almoço – (Refeitório Campus Politécnico)
14.00 – 15.30	Sessão 2 de apresentação de artigos Chair: Bruna Rijo
15.30 – 16.00	Coffee break e sessão de posters
16.00 – 17.30	Sessão 3 de apresentação de artigos Chair: Daniel Penalva
17.30 – 18.30	Portalegre de Honra

Dia 27 de novembro

09.00 – 09.30	Keynote - Carmen Mireya Rangel Chair: Paulo Brito
09.30 – 10.30	Sessão 4 de apresentação de artigos Chair: Andrei Longo



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- 10.30 – 11.00 Coffee break e sessão de posters
- 11.00 – 12.30 **Sessão 5 de apresentação de artigos**
Chair: Cecília Pedrero
- 12.30 – 14.00 Almoço – (Refeitório Campus Politécnico)
- 14.00 – 18.00 BOOTCAMP – Hidrogénio Verde: Inovação e Empreendedorismo
A inscrição é obrigatória pelo link
https://docs.google.com/forms/d/e/1FAIpQLSdgZcnzvN5ISA1zIMxN_u-8b7J-aYRdyoSF6Ci3rnPeCWzKg/viewform
- 19.30 – 22.30 Jantar da conferência

Dia 28 de novembro

- 09.00 – 09.30 Keynote: Marco Braga
Chair: Ronney Boloy
- 09.30 – 12.30 Visita técnica
- 12.30 – 14.00 Almoço – (Refeitório Campus Politécnico)
- 14:00 – 18:00 BOOTCAMP - Hidrogénio Verde: Inovação e Empreendedorismo

Sessão 1

- 11.00 – 11.15 Gardenia Assunção – Scientific And Technological Analysis Of The Biogas Sector From A Global Perspective: Research And Innovation Trends
- 11.15 – 11.30 Laíce Scotelano – Improving Public Procurement Sustainability With A Plug-In
- 11.30 – 11.45 Rômulo Ramos – Energy Efficiency In Public Educational Institutions: A Case Study On The Implementation Of A Photovoltaic System At CEFET-RJ
- 11.45 – 12.00 Margarete Heleno – Literature Review On Public Policies Applied To Photovoltaic Modules Considering The Circular Economy



12.00 – 12.15 Ricardo Branco – Assessment Of Green Hydrogen As A Backup Energy Source For Civil Defense Structures: Technical And Environmental Feasibility For Energy Transition In Climate Risk Management

12.15 – 12.30 Márcio Labigalini – Comparando Veículos A Hidrogênio Verde E A Etanol: O Espaço Ocupado Para A Produção De Energia

Sessão 2

14.00 – 14.15 TBD

14.15 – 14.30 José Copa – Evaluation Of Refuse-Derived Fuel Gasification For On-Site Electricity Generation In Iron Ore Processing

14.30 – 14.45 Marco Braga – The Difference Between Social Innovation and Social Technology: A View from Scientific Literature

14.45 – 15.00 Jaqueline Silva – Systematic Review And Bibliometric Analysis Of Electric Vehicle Adoption In Brazil

15.00 – 15.15 Rômulo Ramos – Resilience in Smart Buildings Supply Chains: A Critical Application of the MaMoReS Model

15.15 – 15.30 Ricardo Ferreira – International Observatory For Innovation In Low-Carbon Energy: A Platform For Mapping Startups, Spin-Offs, And Strategic Investments In The Ibero-American Energy Transition

Sessão 3

16.00 – 16.15 Fabiana Ramos – Technological Roadmap For Low-Carbon Hydrogen: Insights From Literature And Patent Analysis Under The EESG Perspective

16.15 – 16.30 Ana Talayero – Distributed Electrical Vehicles Storage In The Spanish Electricity Market: The Role Of Balancing Services

16.30 – 16.45 Yara Tadano – Does Electric Vehicles As Part Of The City Fleet Decrease Air Pollutants? Case Study In A Brazilian City

16.45 – 17.00 David Larra Rey – Analysis Of The Characteristics Of The Available Solar Resource At A Fresnel Plant In Extremadura

17.00 – 17.15 Ricardo Ferreira – Observatório Internacional De Inovação Em Energias De Baixo Carbono: Uma Plataforma Para Mapeamento De Startups, Spin-Offs E Investimentos Estratégicos Na Transição Energética Ibero-Americana



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17.15 – 17.30 Vanessa Guimarães – Scope 3 Emission Reduction In Oil & Gas Industry: Analysis Of The Sustainability Reports

Sessão 4

09.30 – 09.45 Felipe Rodrigues – Análise E Mitigação De Impactos Relacionados À Alta Penetração De Geração Distribuída Em Redes De Distribuição Através Do Software Opendss

09.45 – 10.00 Marcelle Xavier – Bibliometric Analysis Of Municipal Solid Waste Management In Biorefineries Under EESG Perspective

10.00 – 10.15 Udneli Rodrigues - Decentralized Architecture For Urban Ev Charging: Integrating Bess And P-Soc Strategies

10.15 – 10.30 André Bernardo – Hydrogen Injection Into The Brazilian Gas Network: A Review Of Feasibility And Challenges

Sessão 5

11.00 – 11.15 Vanessa Paganelli – Energy And Exergy Analysis Of A Three Pass Firetube Boiler With Turbulators Operating With Natural Gas Under Steady State Conditions

11.15 – 11.30 Thiago Alves – Heat Pipe Solar Collector With Graphene Oxide Nanofluid: Thermal Performance Study

11.30 – 11.45 Diego Brandão – Blockchain And The Carbon Market: A Survey On Emerging Technologies For Environmental Governance

11.45 – 12.00 João Silva – Behavior Of Pearlitic Steels Against Hydrogen Embrittlement: Perspectives For Transport And Storage In Low-Carbon Hydrogen Systems

12.00 – 12.15 Vinicius Von Doellinger – Photovoltaic Solar Dehydrator: A Sustainable Alternative For Income Generation For Socially Vulnerable Populations

12.15 – 12.30 José Arlison Souza - Desenvolvimento De Uma Bancada Para Soldagem Em Operação Com Simulação De Fundo De Tanque

Posters



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Andrei Longo – Integrated Circular Economy Strategies For Waste Valorization In University Campuses: A Hypothesis-Based Framework

Orlando Soares – Energy Efficiency Assessment Of A Youth Hostel Based On Multizone Modeling And Simulation

Ariele Rodrigues – ICTIM Carbon Neutral: An Institutional Strategy For Carbon Offset And Climate Education As Public Policy In Maricá, Brazil

Pablo Arauzo – A study of manufacturing scalability for supercapacitors using graphene oxide and a sequential HTC activation process

Krishna Sangam – Effect of the initial inorganic composition of the feedstock in the biochar production for soil amendment

Fernanda Azeredo – The Potential of Agrivoltaic Systems for the Energy Transition in Portugal

Fernanda Azeredo – Literature Review On The Use Of Macauba Palm In Biodiesel

Luciana Postiço – Inovação Energética E Sustentabilidade Urbana: Hidrogênio Baixo Teor De Carbono No Contexto Do Transporte Coletivo

Vitor Silva – Production Of Green Methanol Via Biomass Gasification: Contributions To The Decarbonization Of Maritime Transport

Ana Paula Dias - Biohythane by Two-Stage Dark Fermentation and Anaerobic Digestion. A Sustainable Valorization Pathway for Agro-Waste

Honório Nobrega Júnior – Economic And Environmental Feasibility Of Hydrogen-Powered Electric Vehicles: A Bibliometric And Systematic Review

David Larra Rey – Potential Of Canal Straw (*Saccharum Spontaneum*) And Sugarcane Bagasse (*Saccharum Officinarum*) As Energy Biomass In Panama