

WEBINAR

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# Setting the benchmark for the renewable energy industry – Highlights of LATAM's Innovation Hub for the New Energy World

ABOUT THE ORGANIZER OF THE WEBINAR

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## **The smarter E South America**

LATAM's innovation hub for the new energy world

By uniting four parallel exhibitions, **The smarter E South America is LATAM's largest platform for the new energy and mobility world.** Following the vision of a renewable, decentralized and digital energy world and a sustainable mobility future, The smarter E South America takes a comprehensive approach by presenting cross-sector solutions and technologies. It creates opportunities to address all key areas across sectors and industries. Focusing on the interplay of **power generation, storage, energy management and e-mobility**, The smarter E South America brings together international stakeholders of the energy and mobility future from across the world's most influential markets.

## CONTENT

# Setting the benchmark for the renewable energy industry – Highlights of LATAM’s Innovation Hub for the New Energy World

### Content of Webinar

Brazil can claim to be a beacon in renewable energy. In 2023, 93.1% of Brazil’s electricity came from renewable energy, with solar energy as the second largest source after hydropower with 37.2 GW or 16.5%. Of that, decentralized solar energy accounted for 70%, while centralized solar energy accounted for 30%.

The smarter E South America 2024 Conferences Intersolar, ees, Power2Drive and Eletrotec+EM-Power, aim to set the benchmark for the renewable energy industry. They address market development, technical and regulatory challenges and opportunities, and feature expert presentations on a variety of topics including solar energy, grid infrastructure, energy storage, green hydrogen and electric mobility.

### Supported by



MEXICO & BRAZIL

## Upcoming Events



**Dr. Rodrigo Sauaia**

CEO  
ABSOLAR



**Sergio de Oliveira Jacobsen**

CEO  
Micropower Energy



**Gioia Mueller-Russo**

Project Manager  
Power2Drive South America  
Solar Promotion International



**Celso L. P. Mendes**

Senior Advisor  
Aranda Editora /Aranda  
Eventos



EXHIBITION & CONFERENCE  
AUGUST 27-29, 2024  
SAO PAULO, BRAZIL

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# Don't miss

SAVE THE DATE

## The smarter E South America

LATAM's innovation hub for the new energy world

São Paulo, Brazil | August 27–29, 2024



# INTERSOLAR IN MEXICO AND BRAZIL

## We thank our LATAM-Sponsors!



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Webinars



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AUGUST 27-29, 2024  
SAO PAULO, BRAZIL

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**Thank you for your Attention!**

# ELETROTEC+EM-POWER | 27-29 agosto 2024





## | Background & timeline

1983 **ENIE** – Encontro Nacional de Instalações Elétricas

MAIN FOCUS: ABNT STANDARDS FOR MV/LV ELECTRICAL SYSTEMS

2012 1st **Intersolar South America** colocated with XIV **ENIE**

2018 **ENIE** renamed to **ELETROTEC** – CONGRESS & TRADE SHOW

2019 **ELETROTEC+EM-POWER** part of **The Smarter E South America**

**Infrastructure + Energy Management of Buildings & Industry**

# Premiere of Intersolar South America



XIV ENCONTRO NACIONAL DE  
**INSTALAÇÕES ELÉTRICAS**

**ENIE 2012**

CONFERÊNCIA SIMULTÂNEA  
**Inter solar**  
SOUTH AMERICA

O ponto de encontro das empresas e profissionais do mercado de instalações, equipamentos e sistemas elétricos industriais e prediais  
*The meeting point of companies and professionals dealing with both building and industry installations and equipment*

**14 a 16 de Agosto**  
Feira: 12 às 20h – Entrada Franca  
Congresso: 9 às 18h

**August 14 – 16**  
Exhibition: 12 – 8 pm – free admission  
Conference: 9 – 6 pm

EXPO CENTER NORTE  
PAVILHÃO BRANCO/WHITE PAVILION  
R. José Bernardo Pinto, 333 (próximo ao Metrô Tietê) São Paulo, Brazil

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CATÁLOGO OFICIAL/OFFICIAL CATALOG

CONGRESSO/CONFERENCE  
**15 DE AGOSTO**  
AUDITÓRIO 1

**CONFÉRENCIA INTERSOLAR – PALESTRAS COM TRADUÇÃO SIMULTÂNEA**

**8h50** Saudação de boas-vindas

**PAINEL 1 – PERSPECTIVAS E PANORAMA GLOBAL**

**9h00** Visão global de mercado (Inglês)  
Dr. Murray Cameron/EPIA e Phoenix Solar

**9h30** Perspectiva tecnológica: o papel da energia solar no futuro suprimento de energia (Inglês)  
Prof. Dr. Volker Wittwer/Fraunhofer Institute for Solar Energy Systems – ISE

**10h00** Análise da atratividade do mercado solar sul-americano (Inglês)  
Thomas Maslin/IHS Emerging Energy Research

**10h30** Intervalo

**PAINEL 2 – CONDIÇÕES BRASILEIRAS**

**11h00** Mercados FV sustentáveis: o Brasil como exemplo (português)  
Prof. Dr. Stefan Krauter/Riosolar Ltda/Universidade de Paderborn

**11h30** Geração distribuída e net metering  
(a confirmar)

**12h00** Questões da legislação tributária brasileira sobre energia solar (Inglês)  
Luiz Rogério Sawaya Batista/Secretaria Municipal de Finanças de São Paulo/FGV

**12h30** Almoço

**PAINEL 3 – EPC E GRANDES CENTRAIS DE GERAÇÃO FV**

**14h00** Roadmap para estabelecer um mercado bem sucedido para centrais solares na América do Sul (Inglês)  
Yaron Glazer/First Solar Inc.

**14h30** Experiências no projeto e instalação de energia solar no estádio Pitucaçu (português)  
Niels Kleer/Gehrllicher Ecoluz Solar do Brasil

**15h00** Micro-geração sob o ponto de vista de uma empresa brasileira de energia solar (Inglês)  
José Renato Q. Colaferrro/Blue Sol Energia Solar

**15h30** Intervalo

**16h00** Soluções de redes inteligentes: desafios e oportunidades para desenvolvimento do mercado FV no Brasil (português)  
Philipp Günther/Bosch Solar Energy AG

**PAINEL 4 – OPORTUNIDADES PARA FABRICAÇÃO DE EQUIPAMENTOS FV NO BRASIL**

**16h20** Energia fotovoltaica no Brasil – um imenso potencial de negócios (Inglês)  
Dipl.-Ing. Louis Parous/centrotherm fotovoltaics AG

**16h40** Conceitos atuais e como alcançar células solares de alta eficiência (Inglês)  
Bert van Welde/Singulus Technology AG

**PAINEL 5 – DEBATES SOBRE O FUTURO MERCADO BRASILEIRO DE ENERGIA SOLAR**

**17h00** Dipl.-Ing. Servulo Barros de Oliveira/Riosolar Ltda  
Yaron Glazer/First Solar Inc.  
Thomas Maslin/IHS Emerging Energy Research

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6 ENIE 2012

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- **1<sup>st</sup> day - Update on ABNT standards**  
IN PROCESS OF REVISION OR NATIONAL CONSULTATION
- **2<sup>nd</sup> day - Lightning Protection Systems**  
A MOST SOUGHT AFTER TOPIC IN BRAZIL
- **3<sup>rd</sup> day - Relevant topics on LV/MV Electrical Installations**  
SELECTED FROM A CALL FOR PAPERS PROCESS

- 1 **Fire protection in PV-Systems** NEW!
- 2 **Revision of ABNT NBR 5410 – LV Installations**
- 3 **Arc flash & incident energy** NEW!
- 4 **Revision of ABNT NBR 14039 – MV Installations**



- 1 Lightning protection for PV-Systems**  
**Isolated vs non-isolated Lightning Protection Systems**
- 2 Surge protection in LV electrical installations**  
**Remote monitoring of surge protection devices**
- 3 Accidents caused by non-connecting (lightning) leaders**  
**Preventive measures against lightning**
- 4 Grounding issues for lightning in PV-Systems**  
**Feasibility of LPS in distributed generation plants**

**78 M LIGHTNING STRIKES A YEAR**  
**800+ FATALITIES IN 10 YEARS**



- 1 **Feasibility of PV-systems deployment**  
**Performance of a Building Integrated PV-system (BIPV)**
- 2 **Compliance of LV installations with occupational safety rules**
- 3 **Shock protection in residential environments**  
**Inspection methods for electrical systems**
- 4 **Maintenance plan for a large-scale energy storage system**

CONGRESS CLOSES





# ELETROTEC+EM-POWER | 27-29 agosto 2024



Thank you & save the date!

**See you at The Smarter *E* South America!**

Coordenação  
Congresso



Local:



Organização:



Co-organização:

