

**WORKSHOP**

Room D - Exhibition Floor (in the Stage area)

Workshop partner:



**Wednesday 4<sup>th</sup> September**

**9:00- 12:00  
INTEGRAL PROTECTION OF PHOTOVOLTAIC SYSTEMS**

This workshop aims to develop a culture of protection in PV systems due to the sensitivity of the equipment to transient surges and lightning strikes. It should be considered that photovoltaic systems are generally located on unprotected roofs or in large photovoltaic fields, and for this reason protection is the basis for system reliability.

**The following aspects will be discussed:**

1. Importance of PV system protection. National and international regulatory framework.
2. External protection system (lightning arresters and earthing system).
3. Internal protection system (surge suppressors).
4. Successful cases.



José Ordoñez López, General Manager, **Ingeniería y Soluciones Integrales**

Program subject to change.

| FEES   | FEES in MX PESOS, includes 16% VAT |
|--|------------------------------------|
| <p><b>Technical Workshop<br/>Integral Protection of Photovoltaic Systems</b></p> <p><i>Includes:</i><br/>Exclusive access to the workshop, coffee break and access to the networking area on the Stage. Take the opportunity to create synergies and strengthen your relationships during the Networking, which will take place from 15:00 to 16:00 hrs.</p> | <p><b>\$1,750.00</b></p>           |

**Registration here!**

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**WORKSHOP**

Room D - Exhibition Floor (in the Stage area)

Workshop partner:



**Thursday 5<sup>th</sup> September**

**9:00- 12:00**

**PROTECTIONS IN PHOTOVOLTAIC SYSTEMS, COMMON ERRORS IN DESIGN**

This workshop has the objective of explaining the technical reasons on how to design photovoltaic systems to reduce the associated risks, considering the behavior, type of installation and installation location, it will be shown how to adequately protect a photovoltaic system.

**The following aspects will be discussed:**

1. Arc Fault
2. DC protections .
3. PV conductors .
4. Neutral Driver. Application and use in invertors.



Jorge Tenorio, Head of the Technological Services Unit, **Instituto de Energías Renovables UNAM**

Program subject to change.

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|---|------------------------------------|
| <p><b>Technical Workshop</b><br/><b>Protections in SFV, common design errors.</b></p> <p><i>Includes:</i><br/>Exclusive access to the workshop, coffee break and access to the networking area on the Stage. Take the opportunity to create synergies and strengthen your relationships during the Networking, which will take place from 15:00 to 16:00 hrs.</p> | <p><b>\$1,750.00</b></p>           |

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