

**BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA**



**INSTITUTO DE FÍSICA  
“Luis Rivera Terrazas”**



**SEMINARIO  
“DR. JESUS REYES CORONA”**

## **“Flow Batteries for grid-scale energy storage”**

**Dr. Joseph Johannes Henricus Pijpers**

Investigador

Instituto Nacional de Electricidad y Energías Limpias  
(INEEL)

The presentation will describe (redox) flow batteries as a technology option to provide grid-scale energy storage services. The following topics will be addressed during the presentation:

- The need for energy storage
- Technology options for energy storage
- Explanation of the “anatomy” of a flow battery
- Review of technologically mature flow battery technologies
- Techno-economic comparison of flow batteries with other energy storage options
- Outlook: novel flow battery concepts and the need for basic and applied R&D

**Auditorio-IFUAP**

**Viernes 28 de Septiembre de 2018**

**13:00 Hrs.**