

Séminaire SATIE

Jeudi 28 septembre 2017 à 14h

Amphithéâtre 63 (ENS Paris-Saclay)

Ruben Paña

Professeur à l'Universidad de Concepcion, Chili

«*Les systèmes d'énergie solaires et éoliens et leur connexion au réseau HVDC*»

14h - 15h15 : *"Solar Energy Research Center. SERC-Chile"*:

SERC was created in year 2012. The objective of SERC is to become a leader of scientific research in solar energy, especially developing the potential of the Atacama Desert in Chile.

15h15 : Pause Café

15h45-17h : *"Control of PV and wind power systems with HVDC link connexion to the grid"*:

Presentation of a strategy based on (P-V) and (Q-f) droop curves for controlling active and reactive power flow for PV and wind power systems connected to an AC grid via and HVDC link with and a Diode Rectifier converter in the sending end.