

Powerlab Researchers attend conferences in China

Written by Monina Vásquez

Wednesday, 27 June 2012 15:30 - Last Updated Monday, 09 July 2012 13:40

Three researchers from the Powerlab travel to China to participate in two IEEE conferences.

Researchers Samir Kouro, Marcelo Perez and Patricio Cortes were involved in different types of activities in two IEEE conferences held in China.

Dr. Kouro and Dr. Perez participated in the version number 21 of IEEE International Symposium on Industrial Electronics, ISIE 2012, held between 28 and 31 May 2012 in the city of Hangzhou, and organized by the Zhejiang University. In this opportunity, Dr. Kouro issued the tutorial: "Wind Energy Conversion Systems: Fundamentals, Topologies and Control". For his part, Dr. Perez participated through the exhibition of the papers: "A Simple

Powerlab Researchers attend conferences in China

Written by Monina Vásquez

Wednesday, 27 June 2012 15:30 - Last Updated Monday, 09 July 2012 13:40

Modulation
Scheme
for a
Three
-Phase
Matrix
Converter
Direct
"
, "DC
Voltage
Balance
Control
in a
Cascaded
Multilevel
Modular
Converter" and
"

Decoupled
Current Control
of
Modular
Multilevel
Converter for
HVDC
Applications "

.
In addition
, Dr.
Kouro
and Dr. Perez
served as
Session
Chairs
of
three special sessions
during the conference,
two on
Multilevel
Converters
and
one on
W
ind Energy
Conversion

Powerlab Researchers attend conferences in China

Written by Monina Vásquez

Wednesday, 27 June 2012 15:30 - Last Updated Monday, 09 July 2012 13:40

Systems

A few days later, the 7th IEEE International Power Electronics and Motion Control Conference

, IPEM
-EC

C
CE

Asia
from 02

al
June 5, 2012

in
Harbin

, was organized by
Harbin

Institute
of Techn
ology.

At this conference
, Dr.

Samir
Kouro

presented the publication
,

"
Predictive
Control

of a
Single
-phase

H
-Bridge
Cascaded

Photovoltaic
Energy Conversion
System"

,
while Dr.

Cortes
presented the

publications:
"Comparative

Evaluation
of Control
Schemes

for a
High

Powerlab Researchers attend conferences in China

Written by Monina Vásquez

Wednesday, 27 June 2012 15:30 - Last Updated Monday, 09 July 2012 13:40

Bandwidth

Three

-Phase

AC

Source "

," Comparative

Evaluation of

Predictive

Control

Schemes

for Three

-Phase

Buck

-Type

PFC

Rectifiers

"and

the tutorial

,"

Predictive

Control -

A Simple

and Powerful

Method to

Control

Power

Converters

and Drives

"

.

