



# IEEE

## EMC-S Italy Chapter



### International Meeting on Powerline for - but not limited to - Automotive

Tuesday, 4 November 2008

University of Pavia

via Ferrata, 1 - 27100, Pavia

Following a previous seminar last January, this meeting will focus on the advances of the research on the Powerline technology for automotive applications, also including extensions to dc bus powerlines in different environments, such as space applications. Among the topics are:

- advances in the actual experiments on PLC for automotive in Pavia
- physical channel characterization (electro-magnetic, interferences, etc.)
- communication, protocol and real-time aspects
- common technological aspects between automotive and space PLC applications
- existing technologies and industry related issues

To achieve the most fruitful discussion, the meeting will start with short presentations (~15-20 min) concerning the research activities and related interests of invited speakers.

### Invited speakers

<i>Luis Almeida</i>	University of Aveiro - Portugal
<i>Francesco Benzi</i>	University of Pavia - Italy
<i>Riccardo De Filippi</i>	Magneti Marelli Motorsport - Italy
<i>Tullio Facchinetti</i>	University of Pavia - Italy
<i>Flavia Grassi</i>	Politecnico di Milano - Italy
<i>Yair Maryanka</i>	Yamar Electronics Ltd - Israel
<i>Thomas Nolte</i>	University of Malardalen - Sweden
<i>Sergio Pignari</i>	Politecnico di Milano - Italy

### Agenda

- 9:15 - 9:30: meeting at the Department of Electric Engineering (Floor E - Aula Seminari)
- 9:30 - 11:30: presentations
- 11:30 - 12:30: discussion (part 1)
- 12:30 - 14:00: lunch
- 14:00 - 17:00: discussion (part 2)

### Participation and registration

The participation to the event is free, but attendance is limited. To participate to the meeting and for any further information, please register by sending an e-mail to

**Francesco Benzi**

email: [fbenzi@unipv.it](mailto:fbenzi@unipv.it)

**Tullio Facchinetti**

email: [tullio.facchinetti@unipv.it](mailto:tullio.facchinetti@unipv.it)