



## OSIRIS Final Conference

*Paving ways to more energy-efficient European Urban Rail Systems*

**Brussels, 31 March 2015**

**Bibliotheque Solvay**  
**Leopoldpark, Rue Belliard 137**

## Agenda

**09:00 - 10:00 Registration and welcome coffee**

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**10:00 - 10:45 Opening and introduction**

Welcoming address by UNIFE and UITP

P Citroën  
U Guida

UNIFE Director-General  
EU Affairs Deputy  
Director

EU Commission's position on R&D projects  
dealing with energy efficiency in urban rail  
systems

European  
Commission

General introduction on OSIRIS

B Guillaumin

OSIRIS Technical  
Coordinator

**10:45 - 11:15 Focus 1 - Operational Technologies for Reduced Energy Consumption**

Passenger traffic forecast & power demand and  
assessment of Improved Operations.  
The experience of RATP in Paris and ULASIM in  
Istanbul

H Seremes  
M Turkay

RATP  
ULASIM

**11:15 - 11:35 Coffee break**

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**11:35 - 12:45 Focus 2 - Energy Efficient Vehicle and Infrastructure Related Technologies - Technical Demonstrators in real-life conditions**

New concept of Onboard Energy Storage System for tram tested in Vitoria-Gasteiz	J Goikoetxea JF Reynaud	CAF
Innovative auxiliary converter for metro trains installed in Milan	M Parisi F Cardarelli	ATM Alstom
Novel cooling and heating system for technical rooms using underground water in Rome metro	G Boiero GL Lauro	Ansaldo STS

**12:45 - 13:15 Focus 3 - Energy simulation and optimisation tool and its impact on the thermal analysis**

Holistic Tool for electrical/thermal calculation of the whole railway system	J Amaya	CMM
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**13:15 - 14:30 Networking lunch**

**14:30 - 16:45 Workshop session**

<b>Workshop 1</b> - Duty Cycles and service profiles : common and practical ways to approach real use	M Parisi M Meinert F Motteau	ATM Siemens Alstom
<b>Workshop 2</b> - Return of Investment as key factor for operators to invest in energy-saving technology (business KPIs)	L Nicod L Dauby	Alstom UITP
Coffee break		
<b>Workshop 3</b> - OSIRIS methodology to evaluate energy saving potential. Benefit of technical KPIs and Data Base	B Guillaumin R Palacin J Roberts	Technical Coordinator UNEW Areva on behalf of Alstom

**16:45 - 17:00 Wrap-up and conclusions**

**17:00 - 18:00 Cocktail reception**

