



Exploring solutions for the massive integration of Power Electronics into transmission networks

### Side event to CIGRE Session 2018

**Wednesday 29<sup>th</sup> August, 4:00 – 7:00 pm, Le Méridien Etoile hotel**  
81 Boulevard Gouvion Saint-Cyr, 75017 Paris, France  
[lemeridien.com/etoile](http://lemeridien.com/etoile)

## Proliferation of power electronics into the grid:

Mitigation of power stability issues & power quality disturbances;  
solutions for a 100% PE network

The [MIGRATE consortium](#) is pleased to invite the power system community to discuss some preliminary results achieved by the project, focused on:

- Allowing an increased penetration of power electronics in today's grid through mitigation strategies tackling power stability issues;
- Concepts and solutions for a network with 100% power electronics;
- Mitigation measures to deal with power quality disturbances.

The 90 mn presentation will be followed by a collective discussion and a cocktail.  
Registration is required: [please register here](#).

*MIGRATE is a European project supported by the EC and coordinated by Tennet. Gathering TSOs from 11 countries together with manufacturers and researchers, this 4-year project explores innovative solutions to handle the forthcoming massive integration of power electronics into transmission networks. Solutions will include the use of new monitoring & forecasting technologies, the development of new control strategies and protection schemes as well as mitigation measures to tackle power quality issues. The operation of 100% power electronics networks will also be investigated.*

For more information: visit our [project website!](#)



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## EVENT AGENDA

Time		Speaker
4:00	<b>Introduction to the MIGRATE project</b>	RTE
4:10	<b>Increasing PE penetration in today's grid</b> <i>Strategies to mitigate power stability issues</i>	Technical University Delft
4:35	<b>Operating a network with 100 % PE penetration</b> <i>New control algorithms and management rules to operate a network with 100 % PE</i>	RTE
5:00	<b>Mitigation of Power quality disturbances</b> <i>Mitigation measures to meet power quality requirements under increased PE penetration</i>	ELES
5:25	<b>Open discussion</b>	
6:25	<b>Cocktail</b>	
7:00	<b>End of MIGRATE event</b>	