



**Railenergy Workshop – Nuremberg/ Nürnberg – May 6<sup>th</sup>, 2009**  
**Innovative RAILENERGY new traction components**

## (Provisional)Agenda

08h30 – 09h00	Registration
<b>Introduction</b> 09h00 – 09h30	Welcome (Eric Fontanel, UNIFE) Introduction & Summary of Railenergy’s Subproject 5 “NRG Components” (Dr. Uwe Henning, Siemens)
<b>Panel 1 – Modelling; Transformer technologies</b> 09h30 – 10h30	1. Energy efficiency integration through modelling (Marco Giannettoni, NITEL) 2. Medium-Frequency Transformer (Dr. Jan Weigel, Siemens) 3. Superconducting Transformer (Dr. Harald Schmidt, Siemens) Questions & Discussion
10h30 – 11h00	Coffee Break
<b>Panel 2 – Permanent-Magnet generators and motors; Integrated diesel-hybrid systems</b> 11h00 – 12h00	1. Diesel hybrid system with PM-machines and energy storage (Dr. Olaf Körner, Siemens) 2. Integrated cooling concept (Beniamino Cascone, AnsaldoBreda) Questions & Discussion
<b>Operators’ point of view – View, expectations</b> 12h00 – 12h30	Operators’ presentation for energy efficiency requirements (Mads Bergendorff, UIC)
12h30 – 13h30	Lunch
<b>Joint working groups Session 1 – Innovative new components</b> 13h30 – 14h15	3 groups to discuss about <ul style="list-style-type: none"> <li>• New operational requirements and standards</li> <li>• Integrated cooling concepts</li> <li>• Energy efficiency strategies through modelling</li> </ul>
<b>Joint working groups Session 2 – Internal discussions</b> 14h15 – 15h00	2 groups to discuss about <ul style="list-style-type: none"> <li>• Operators internal conclusions</li> <li>• Technology group internal conclusions</li> </ul> Preparation of a final presentation
15h00 – 15h30	Coffee Break
<b>Panel 3 – Final feedback and conclusions</b> 15h30 – 16h30	1. Operators’ feedback presentation 2. Technology group feedback presentation Questions & Discussion
16h30	End of the day