



Agenda

Monday 22 August 2016 @ Novotel

08.30 – 9.00 Welcome Coffee

9.00 – 12.30 WP 1 & 4 presentations

09.00 – 09.20 Introduction

09.20 – 09.40 ESR1 – *HD Processing of SmCo magnets*

09.40 – 10.00 ESR2 – *Extraction of NdFeB magnets from EoL (H)EVs/Advanced ICEVs and conversion into master alloys*

10.00 – 10.20 ESR3 – *Recovery of metal values from SmCo and NdFeB magnets by ionometallurgical methods*

10.20 – 10.40 ESR4 – *Sm/Co and Nd/Dy/Fe separation by solvent extraction with ionic liquids*

10:40 – 11.00 Coffee break

11.00 – 11.20 ESR7 – *Metal bonded magnets from HD materials using spark plasma sintering*

11.20 – 11.40 ESR13 – *Nanoscale characterisation and in-situ dynamic electrochemical TEM studies of recycled magnets*

11.40 – 12.00 ESR14 – *Characterisation and modelling of Automotive Scrap Residue (ASR) feeds to improve recycling efficiency*

12.00 – 12.20 ESR15 – *Life cycle assessment of new recycling and reuse routes for REE magnet machines in (H)EVs*

12.20 – 12.30 Closing remarks

12.30 – 13.30 Lunch

13.30 – 17.10 WP2 & 3 presentations

- 13.30 – 14.00 Info session: Open Access in H2020 (*by Hannelore Vanhaverbeke*)
- 14.00 – 14.20 ESR5 – *Electrodeposition of SmCo alloys from ionic liquids*
- 14.20 – 14.40 ESR6 – *Development of novel hard magnetic NdFe12Nx-based magnets by electrodeposition*
- 14.40 – 15.00 ESR8 – *Exchange coupled Sm-Co magnets with high remanence*
- 15.00 – 15.20 Coffee break**
- 15.20 – 15.40 ESR9 – *Design of Halbach permanent magnet outer rotor machine for electro-mobility exchangers*
- 15.40 – 16.00 ESR10 – *Recyclable electrical machine designs with 3D flux and non-traditional materials*
- 16.00 – 16.20 ESR11 – *Electrical machine designs based on 3D flux paths for new generation HEVs*
- 16.20 – 16.40 ESR12 – *Electrical radial flux machine design for new generation (H)Evs*
- 16.40 – 17.10 Conclusion of the meeting
- 19.00 – 22.00 Dinner at MYKENE restaurant (17 min walk from meeting venue)**
<http://www.mykene.be>

Tuesday 23 August 2016

- 9.00-13.00 Supervisory Board meeting **for SB members and ESR representative**
- 9.00 – 16.00 Team building activity **for ESRs** (*more information will follow*)