

Final Seminar

Agenda 24th February

Welcome and Introduction (BWI and CENTIMFE)	09.00	09.15
Materials and manufacturing processes of composites and hybrid components for joining by EMP technology – Javier Garcia, CIDAUT, Francisco Vallejo, IDEKO, Spain	09:15	09:50
Joining of tubular metal-composite parts using the electromagnetic pulse technology – Koen Faes, BWI, Belgium	09:50	10:10
Fully Coupled Multiphysics Finite Element Simulation of Magnetic Pulse Welding of Flat Parts, Uwe Dirksen, POYNTING GmbH, Germany	10:10	10:20
Electromagnetic Driven Selfpiercing Riveting of Metal-Composite Sheets, Charlotte Beerwald, POYNTING GmbH, Germany	10:20	10:40
Break (Coffee and Exhibition of Experiments)	10.40	11:00
Use of magnetic pulse to join composite to metal for shock absorber application – Emilie Boulay, TENNECO, Belgium	11.00	11:20
Automotive hybrid components – composite brake pedal joined by electromagnetic pulse technology - Martinho Soares, TOOLPRESSE, Portugal	11:20	11:40
Hybrid Crash Absorber application of EMJ on sheet metal and composites – Marjana Pozenel, REGENERACIJA, Slovenia	11:40	12:00
Life-Cycle Assessment of the MetalMorphosis approach – Stefano Ellero, STAM, Italy	12:00	12:15
Debate	12:15	12:45
Lunch	13:00	14:00
Invited Speaker 1 – ??, Anabel Crespo, AIMPLAS - Spain	14:00	14:30
Invited Speaker 2 – ??, RESCOLL, France	14:30	15:00

Invited Speaker 3 – Joining FRP and Steel via small-scale positive form locking elements, Jens Lotte, ISF RWTH Aachen - Germany	15:00	15:30
Invited Speaker 4 – ?? Geert Luyckx, Com&Sens, Belgium	15:30	16:00
Invited Speaker 5 - ??	16:00	16:30
Debate	16:30	16:50
Conclusions and Closing	16.50	17.00