AETOC 2009 Workshop and MULTIPROTECT Training Course

on the use of electrochemical techniques

GRADO 15-18 April 2009, Italy

Wednesday April 15th		
19:00	20:00	Registration of participants to the AETOC Conference
20:00	22:00	Welcome Reception - Venue Hotel Fonzari
		AETOC 2009 Workshop
Thursday April 16th		**Venue Hotel Fonzari**
Main topic: Conference sessions		
9:00	10:40	Trying to understand the adhesion and delamination of organic coatings on steel by controlling the interfacial properties **H. Terryn** Alternating-current scanning electrochemical microscopy for the visualization of organic layers and films for the anticorrosion protection of metals **R. Souto** Compatibility between cataphoretic electrocoating and silane surface layer for the corrosion protection of galvanized steel **M. Fedel** Characterization of hybrid organic / silicon based coatings deposited by wet and plasma deposition methods on Al substrates **F. Brusciotti**
10:40	11:00	Coffee break
11:00	12:15	Organically modified clay in epoxy resin for corrosion protection of carbon steel **M. Olivier** Corrosion behaviour of sol-gel treated and painted AA 2024 aluminium alloy **F. Andreatta** New surface treatments for magnesium alloys used in the automotive

		and aeronautical industry **F. Montemor**
12:30	14:00	Lunch
14:00	15:40	Ingress of water into organic coatings: Real time monitoring of the capacitance and mass increasing **R. Novoa** Corrosion Processes in Micro-Confined Defects on Coated Magnesium in Presence of Corrosion Inhibitors. Localized Electrochemical Study **M. Zheludkevich** Electrochemical investigation of high-performances silane sol-gel films containing clay nanoparticles and corrosion inhibitors **F. Deflorian** Corrosion resistance of AA2024 alloy protected with silica-methacrylate sol-gel coatings produced from sols with controlled polymerization **C. Rosero Navarro**
15:40	16:00	Coffee Break
16:00	17:40	The electrochemical behaviour of sol-gel hybrid coatings applied on Al 2024-T3: the influence of metal surface finishing **C. Perez** Forming limits of coil coatings predicted by EIS **A. Bastos** Investigation into Influence of Different Surface Preparation Methods on Performance of Anti-Corrosive Organic Coatings on Steel **D. Mills** The comparison of organic protective layers on copper and bronze **T. Kosec**
19:00	21:00	Dinner
Friday April 17th		**Venue Hotel Fonzari**
Main topic: Conference sessions		
9:00	10:40	Corrosion resistance of intermediate coatings containing micaceous iron oxide of different degree of lamellarity **M. Lekka** Application of Electrochemical Impedance Spectroscopy to the study of transport properties of ions in polymer based electrolytes **D. Sotta**

		Odd random phase multisine EIS for coating analysis **E. Tourwe** Phosphate corrosion inhibition at the cut edge of coil coated galvanized steel studied by the SVET and EIS **A. Simoes**
10:40	11:00	Coffee break
11:00	12:15	Modification of zinc powder to improve the corrosion resistance of weldable primers **M. Ferreira** Electrochemical microscopies for the investigation of localized corrosion processes in coated metals **J. Santana** Critical aspects in the electrochemical study of unstable coated metallic substrates **L. Fedrizzi**
12:30	13:30	Lunch
14:00	18:00	Hiking tour
18:30	24:00	Departure to social dinner
Saturday April 18th		**Venue Hotel Fonzari**
09:00	11:00	ISO MEETING WG 29: Draft for current interrupter method