

Programa da conferência CLBA14 (FEUP, Sala B032)

Autor sublinhado → Autor que apresenta

Quinta-feira 24 de Julho de 2014	
9:20	Abertura da CLBA14
	Sessão 1 – Adesão - Chair: LFM da Silva (FEUP, Portugal) e S de Barros (CEFET/RJ, Brasil)
9:40	Estudo da Propriedade Adesiva e da Resistência à Corrosão de Revestimentos de Cr e Mo Obtidos Através de Aspersão Térmica (CLBA14_8) FJ Antunes, JB de Campos, <u>HRM Costa</u> (CEFET/RJ, Brasil)
10:00	Variability of the Pull-off Technique for Adhesion Strength Evaluation on Ceramic Tile Claddings (CLBA14_43) C Lopes, <u>I Flores-Colen</u> (IST, Portugal), L Silva
10:20	Epoxy-quasicrystal Composites: Thermal Analysis and Adhesive Properties (CLBA14_49) JD Altidis, <u>S de Barros</u> (CEFET/RJ, Brasil), SJG Lima, ES Medeiros
10:40 - 11:00	CAFÉ
	Sessão 2 – Propriedades de Adesivos - Chair: JM Bordado (IST, Portugal) e MRB Rodrigues (EMBRAER, Brasil)
11:00	Structural Adhesives Modified with Thermal Expandable Particles (CLBA14_2) <u>MD Banea</u> (IDMEC, Portugal), LFM da Silva, RDSG Campilho
11:20	Mechanical, Thermal and Wear Properties in Nano-composites: Effect of Silica Amount (CLBA14_14) <u>J Abenojar</u> (Universidad Carlos III de Madrid, Espanha), J Tutor, Y Ballesteros, JC del Real, MA Martínez
11:40	Sodium Metabisulphite Incorporation on the Production of Water-Tolerant Melamine-Urea-Formaldehyde Resin (CLBA14_25) <u>NT Paiva</u> (EuroResinas, Portugal), JM Ferra, J Martins, L Carvalho, FD Magalhães
12:00	Isotropic Conductive Adhesives Prepared from Recycle Ag with and without DTT Functionalization (CLBA14_29) <u>CS de Oliveira</u> (Universidade Federal de Santa Catarina, Brasil), JA Sierra, MA Tumelero, CC Plá Cid, TB Creczynski-Pasa, AA Pasa
12:20	A New Methodology to Evaluate the Cure of Resin-impregnated Papers for HPL (CLBA14_32) <u>M Almeida</u> (Instituto Politécnico de Viseu, Portugal), C Coelho, J Ferra, JM Martins, LH Carvalho
12:40 - 14:00	ALMOÇO
	Sessão 3 – Juntas adesivas estruturais I - Chair: FJP Chaves (IDMEC, Portugal) e V Tita (Universidade de São Paulo, Brasil)
14:00	Adhesive Thickness Effects of a Ductile Adhesive by Optical Measurement Techniques (CLBA14_5) <u>RDSG Campilho</u> (ISEP, Portugal), DC Moura, MD Banea, LFM da Silva
14:20	Numerical and Experimental Damage Identification in Metal-composite Bonded Joints (CLBA14_13) R Medeiros, FR Flor, ML Ribeiro, <u>V Tita</u> (Universidade de São Paulo, Brasil)

14:40	Hygrothermal Effects on Transverse Impact Response of Single-Lap Joints (CLBA14_45) PNB Reis, JRL Soares, <u>AM Pereira</u> (Instituto Politécnico de Leiria, Portugal), JAM Ferreira	
15:00	Testing and Simulation of Adhesive Joints for Aerospace Applications (CLBA14_28) <u>EAS Marques</u> (IDMEC, Portugal), LFM da Silva, M Flaviani	
15:20	Influence of Taper's Angle in Single-Lap Bonded Joints (CLBA14_44) IFC Marques, AM Amaro, <u>AJR Loureiro</u> (Universidade de Coimbra, Portugal), PNB Reis, AG Magalhães	
16:00 - 16:20	CAFÉ	
	Sessão 4 – Aplicações - Chair: L Carvalho (IPV, Portugal) e HRM Costa (CEFET/RJ, Brasil)	
16:20	Innovative Friction Stir Weldbonding of Aluminum Joints (CLBA14_20) <u>DFO Braga</u> (INEGI, Portugal), ACF Silva, LFM da Silva, PMGP Moreira	
16:40	Training of Adhesive Bonding Personnel - A step to achieve Quality (CLBA14_21) L Coutinho, I Fernandes, <u>E Assunção</u> (European Welding Federation, Portugal)	
17:00	Bond Strength Evaluation and Microstructural Analysis of Dental Composite Rest Seats (CLBA14_27) <u>AR Camacho</u> (Universidade Federal Fluminense, Brasil), JF Borges, NC Ferreira, FS Nunes, R Tioosi, CC Almeida	
17:20	Determination of peel strength based on composition of adhesives for the footwear industry using genetic algorithm (CLBA14_12) <u>RMM Paiva</u> (CIPADE, Portugal), CAC António, LFM da Silva	
19:00	Sessão de poster e Recepção	
Adesão		
Poster 1	Avaliação da Influência da Resina Epóxi e da Usinagem em Revestimentos Metálicos Usando a Técnica de Arco Elétrico (CLBA14_50)	FJ Antunes, JCGC Bonaldo, RAA Aguiar, <u>HRM Costa</u> (CEFET/RJ, Brasil)
Propriedades de Adesivos		
Poster 2	Optimisation of the Bulk Tensile and Double Cantilever Beam Specimens used in Cohesive Zone Models (CLBA14_37)	<u>M Costa</u> (IDMEC, Portugal), G Viana, C Canto, LFM da Silva, MD Banea, FJP Chaves, RDSG Campilho, AA Fernandes
Poster 3	Effect of Cork Micro Particles on the Cure Reaction of a Brittle Adhesive (CLBA14_41)	<u>AQ Barbosa</u> (IDMEC, Portugal), LFM da Silva, J Abenojar, JC del Real, RMM Paiva, A Öchsner
Poster 4	Effect of Low Temperature on Tensile Strength and Mode I Fracture Toughness of a Room Temperature Vulcanizing Silicone Adhesive (CLBA14_38)	<u>EAS Marques</u> (IDMEC, Portugal), MD Banea, LFM da Silva, RJC Carbas, C Sato
Poster 5	Tensile Behaviour of a Structural Adhesive at High Temperatures by the Extended Finite Element Method (CLBA14_53)	<u>RDSG Campilho</u> (ISEP, Portugal), MD Banea, LFM da Silva
Poster 6	G_{Ic} Evaluation for 3 Structural Adhesives by Standard and Optical Techniques (CLBA14_54)	CJ Constante, <u>RDSG Campilho</u> (ISEP, Portugal), AMG Pinto, DC Moura
Juntas adesivas estruturais		
Poster 7	Effect of Adherend Material on the Fracture Behaviour of Adhesive Joints for Automotive	<u>MD Banea</u> (IDMEC, Portugal), LFM da Silva, RJC Carbas,

	Industry (CLBA14_3)	RDSG Campilho
Poster 8	Dual Actuator Load Test Applied to Fracture Characterization of Bonded Joints (CLBA14_39)	<u>FJP Chaves</u> (IDMEC, Portugal), LFM da Silva, MFM de Moura, D Dillard
Poster 9	Effect of Carbon Black Nanoparticles Concentration on Mechanical Properties of an Epoxy Adhesive Cured by Dielectric Heating (CLBA14_18)	<u>LFS Andrés</u> (FEUP, Portugal), RJC Carbas, LFM da Silva
Aplicações		
Poster 10	Functionally Graded Adhesive Patch Repairs of Wood Beams in Civil Applications (CLBA14_40)	RJC Carbas (IDMEC, Portugal), GMSO Viana, LFM da Silva, GW Critchlow
Poster 11	Impact of Adhesive Joints for the Automotive Industry at Low and High Temperatures (CLBA14_42)	<u>RA Mata</u> (FEUP, Portugal), GMSO Viana, MBSFP da Costa, LFM da Silva, MD Banea, RJC Carbas
Poster 12	Effect of Cement on Bond Strength Between Deep Human Dentin and a Glass Ceramic (CLBA14_26)	<u>GA Borges</u> (Universidade de Uberaba, Brasil), OS de Andrade, NC Gurgel-Juarez, L Correr-Sobrinho, AM Spohr, TA Valentino, SMP Torres, J Vagner Ferreira
Poster 13	Monitoramento da Tecnologia de Adesivos Baseado em Documentos de Patentes (CLBA14_48)	C Souza, RG Barbastefano, RC Teixeira, <u>S de Barros</u> (CEFET/RJ, Brasil)

Sexta-feira 25 de Julho de 2014	
	Sessão 5 – Propriedades de Adesivos II - Chair: RMM Paiva (CIPADE, Portugal) e JPB Souza (CEFET/RJ, Brasil)
9:20	Organic/inorganic Adhesion of Polymer Matrix and Alumina Nanoparticle and its Relations with the Glass Transition Temperature of its Composites (CLBA14_23) JPB Souza (CEFET/RJ, Brasil), JML Reis
9:40	Degradation of the Tensile Properties of Epoxy Adhesives as a Function of Environmental Moisture and Temperature (CLBA14_1) GMSO Viana (IDMEC, Portugal), MBSFP da Costa, LFM da Silva, MD Banea
10:00	The Effect of Moisture in Adhesives Reinforced with Micro Particles of Cork (CLBA14_9) AQ Barbosa (IDMEC, Portugal), LFM da Silva, RMM Paiva, A Öchsner
10:20	Desenvolvimento de Novos Ligantes a partir de Matérias Primas Renováveis (CLBA14_51) JM Bordado (IST, Portugal)
10:40 - 11:00	CAFÉ
	Sessão 6 – Juntas adesivas estruturais II - Chair: AM Pereira (IPL, Portugal) e HS da Costa Mattos (UFF, Brasil)
11:00	Functionally Graded Adhesive Joints by Graded Mixing of Nanoparticles (CLBA14_10) RJC Carbas (IDMEC, Portugal), LFS Andrés, LFM da Silva
11:20	Colagem de Absorvedores de Liga com Memória de Forma (CLBA14_15) S de Barros (CEFET/RJ, Brasil), RAA Aguiar, PSF de Oliveira, PMCL Pacheco
11:40	Innovative Characterization of Bonded Joints Mixed-mode I+II Fracture (CLBA14_16) FJP Chaves (IDMEC, Portugal), LFM da Silva, MFM de Moura, D. Dillard
12:00	Juntas Adesivas Compósitas (CLBA14_19) AMG Pinto (ISEP, Portugal), AG Magalhães, RDSG Campilho
12:20	Estudo da Resistência Térmica de Contato em Juntas Metálicas Coladas (CLBA14_31) JPB Souza (CEFET/RJ, Brasil), RAA Aguiar, PMCL Pacheco, PV Mello, S de Barros
12:40 - 14:00	ALMOÇO
	Sessão 7 – Durabilidade - Chair: RDSG Campilho (ISEP, Portugal) e MD Banea (IDMEC, Portugal)
14:00	Development of a Cohesive Zone Model for Adhesive Joints that Includes Humidity and Fatigue Degradation (CLBA14_11) M Costa (IDMEC, Portugal), G Viana, LFM da Silva, RDSG Campilho
14:20	Polyolefin Joints with Elastic Adhesives based on Polyurethane: Effect of Aggressive Conditions (CLBA14_17) MA Martinez (Universidad Carlos III de Madrid, Espanha), J Abenojar, M Pantoja, C Rodriguez-Villanueva
14:40	Análise Experimental de Reparos de Compósitos de Fibra de Carbono (CLBA14_30) BSP Lobão (CEFET/RJ, Brasil), CER Siqueira, EM Sampaio, LFG Souza, S de Barros

15:00	Adhesive Selection for Single Lap Bonded Joints: Experimentation and Advanced Techniques for Strength Prediction (CLBA14_6) TAB Fernandes, <u>RDSG Campilho</u> (ISEP, Portugal), MD Banea, LFM da Silva
15:20	Effect of the Stress Ratio on the Fatigue Behaviour of Single-lap Joints (CLBA14_46) <u>AM Pereira</u> (Instituto Politécnico de Leiria, Portugal), PNB Reis, JAM Ferreira
15:40 - 16:00	CAFÉ
	Sessão 8 – Aplicações - Chair: LFM da Silva (FEUP, Portugal) e S de Barros (CEFET/RJ, Brasil)
16:00	Development of High-pressure Laminates with Improved Chemical Resistance for Surfacing Wood-based Panels (CLBA14_24) <u>A Henriques</u> (FEUP, Portugal), JM Ferra, JM Martins, F Magalhães, L Carvalho
16:20	De-bonding on Command of Adhesive Joints (CLBA14_4) <u>MD Banea</u> (IDMEC, Portugal), LFM da Silva, RJ Veloso, RJC Carbas
16:40	Effect of Loading Rate on the Strength of ASTM A36 Steel Plates Bonded with an Epoxy/ceramic Composite (CLBA14_47) MHF Cunha, AH Monteiro, LCS Nunes, <u>HS da Costa Mattos</u> (Universidade Federal Fluminense, Brasil)
17:00	Colagem de Estruturas Aeronáuticas Metálicas (CLBA14_52) F Fanton, <u>MRB Rodrigues</u> (EMBRAER, Brasil)
20:00	Jantar CLBA14