

Sustainable and Digital Innovation in Engineering Asset Management

congr EGA'24



3rd OF JULY 2024 FINAL PROGRAM

09.00 10.00	WELCOME - OPENING ADRESSES			
10.00 10.45	PLENARY SESSION ISABEL PARDO DE VERA. POLÍTICAS DE TRANSPORTE: PENSAMIENTO CATEDRAL Y TECNOLOGÍA CONTRA EL CORTOPLACISMO			
10.45 11.15	COFFEE BREAK			
11.15 12.45	RAIL SESSION Digitalization in manufacturing and O&M of railway rolling stock	CIBERSECURITY SESSION Decentralized cybersecurity of critical engineering assets	Strategy & Planning	Performance and Condition of Physical Assets 1
12.45 14.15	LUNCH			
14.15 15.00	PLENARY SESSION CRISTIANO MARTINCIGH, COPPERLEAF. OPTIMISED ASSET INVESTMENT PLANNING WITH COPPERLEAF - MAKING THE RIGHT DECISIONS AT THE RIGHT TIME TO MAXIMISE VALUE AND MEET STRATEGIC GOALS			
15.00 16.30	RAIL SESSION Digital Transformation in Rail Infrastructure	DIGITALIZATION AND RISK MANAGEMENET SESSION Digitalization and Risk Management of Critical Engineering Assets	Life Cycle Management 1	Performance and Condition of Physical Assets 2
16.30 17.00	COFFEE BREAK			
17.00 18.30	CASE STUDIES ON ENGINEERING ASSET MANAGEMENT	HYDROGEN SESSION Technical and Energetic Challenges in the Transition from Natural gas to Hydrogen	Life Cycle Management 2	SPECIAL SESSION Digital IAMS for integral LCM
20.00	WELCOME COCKTAIL			

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4th OF JULY 2024 FINAL PROGRAM

09.00 09.45	PLENARY SESSION ABEL GOMES. APPLUS. DIGITALIZACIÓN DE LA RED DE CARRETERAS DE UNA REGIÓN EN ESPAÑA. LECCIONES APRENDIDAS PARA EL SOPORTE DE LA GESTIÓN DE LA INFRAESTRUCTURA			
09.45 10.30	PLENARY SESSION NUNO MEDEIROS. EPAL. A NEUTRALIDADE CARBÓNICA, A TRANSFORMAÇÃO DIGITAL E A SUSTENTABILIDADE DA CADEIA DE VALOR DO NEGÓCIO COMO CATALISADORES DE UMA VISÃO (AINDA) MAIS HOLÍSTICA DA GESTÃO ESTRATÉGICA DE ATIVOS DO CICLO URBANO DA ÁGUAEPAL.			
10.30 11.00	COFFEE BREAK			
11.00 12.30	APMI-AEM SESSION Maintenance and Asset Management. Future and Trends in the Iberian Region	CIRCULAR ECONOMY SESSION BIOCHAR Applications and Circular Economy	Data Asset and Digital Transformation 1	WORKSHOP The Copperleaf optimization game
12.30 14.00	LUNCH			
14.00 14.45	PLENARY SESSION. TIAGO FERNANDES, ALFONSO LACERDA. EVORA GOLD PARTNER SAP. CONNECT THE DOTS TO ACHIEVE ASSET MANAGEMENT EXCELLENCE- THE IMPORTANCE OF ENTERPRISE ASSET MANAGEMENT IN THE DIGITAL WORLD.			
14.45 16.15	APMI-AEM SESSION People in Maintenance and Asset management in the Iberian Region	LOCAL GOVERNMENT SESSION Improving asset management in local governments	Management Systems and Standards 1	Sustainability 1
16.15 16.45	COFFEE BREAK			
16.45 18.15	CASE STUDIES ON ENGINEERING ASSET MANAGEMENT	LOCAL GOVERNMENT SESSION Building sustainable communities with asset management	Data Asset and Digital Transformation 2	Management Systems and Standards 2
20.00	GALA DINNER			



5th OF JULY 2024 FINAL PROGRAM

09.00 09.45	PLENARY SESSION. JOE AMADI-ECHENDU , DAVID MCKEON,, EDMEA ADELL, ALAN WILSON. EXPLORING FUTURE PERSPECTIVES IN ENGINEERING ASSET MANAGEMENT: INSIGHTS FROM EMINENT LEADERS .			
09.45 11.15	CRITICAL INFRASTRUCTURE SESSION The role of asset management in the resilience of critical infrastructure	ENTREPRENEURSHIP COMPETITION	Sustainability 2	Risk & Reliability
11.15 11.45	COFFEE BREAK			
11.45 13.15	ORGANIZATION AND PEOPLE SESSION Intelligent Asset Management : People, Processes and Technology as enablers for ISO 55001 Certification	Data Asset and Digital Transformation	Sustainability 3	People & Competence
13.15 14.00	CLOSING CEREMONY			
14.00	LUNCH			

We would like to introduce our sponsors to sincerely thank them the support they have given us in preparing this event

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3rd of July Final Programme

09.00 AUDITORIUM I	WELCOME - OPENING ADRESSES
	Hugo Espírito Santo. Secretary of State for Infrastructure Rogério Colaço. Dean of Instituto Superior Técnico- UL Isabel Pardo de Vera. Ex-Secretary of State for Transport, Mobility and Urban Agenda. Ex-Chairwoman of ADIF Carlos Manuel Martins. Chair of the Board of Directors of EPAL Isabel Rodríguez Ramos. Director of Construction Knowledge Area Mediterranean Region at Applus
10.00 AUDITORIUM I	PLENARY SESSION. ID 44. POLÍTICAS DE TRANSPORTE PENSAMIENTO CATEDRAL Y TECNOLOGÍA CONTRA EL CORTOPLACISMO. ISABEL PARDO DE VERA.
10.45	COFFEE BREAK POWERED BY CAF
11.15 AUDITORIUM I	RAIL SESSION. ID 119. DIGITALIZATION IN MANUFACTURING AND O&M OF RAILWAY ROLLING STOCK.
	Chair: Luis Andrade Ferreira. Centro de Competências Ferroviário Javier de la Cruz, CAF José Antonio Marcos. TALGO Alexandra Prates. CP Metropolitano de Lisboa
11.15 AUDITORIUM II	CYBERSECURITY SESSION. ID 58. NAORIS PROTOCOL: WORLD'S FIRST DECENTRALIZED CYBERSECURITY MESH ARCHITECTURE. DAVID CARVALHO
	ID 116. BRIDGING THE GAP: WEB 3.0 AND CYBER-PHYSICAL INTEGRATION IN ENGINEERING ASSET MANAGEMENT
	Chair: João Santos. Naoris David Carvalho. Naoris Miguel Oliveira. University of Aveiro Nuno Cruz. OET Nelson Escravana. OE Carlos Ribeiro. Ex Director CSI
11.15 ROOM 2	STRATEGY & PLANNING. CHAIR JAIME GABRIEL SILVA.
ID 23	PUBLIC CAPITAL STOCK UNVEILED: EXAMINING INVESTMENT TRENDS AND THE CONDITION OF INFRASTRUCTURE IN PORTUGAL. JOÃO VIEIRA
ID 28	ASSET MANAGEMENT: QUAL O VOLUME DE DADOS É NECESSARIO PARA A TOMADA DE DECISÃO DE ALTO VALOR AGREGADO?. CELSO DE AZEVEDO
ID 38	COMO MELHORAR O PLANO DE INVESTIMENTOS DE UMA ORGANIZAÇÃO DE CAPITAL INTENSIVO. MARIANA CASALTA

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ID 84	PLANEJAMENTO ESTRATÉGICO DE GESTÃO DE ATIVOS EM EMPRESAS DE SANEAMENTO – ESTUDO DE CASO EMBASA. ALISSON BRANDÃO
ID 108	ALIGNING AND ENGAGING LEADERSHIP AND TEAMS TOWARDS COMMON OBJECTIVES: THE ROLE OF CULTURAL SAMP IN ASSET MANAGEMENT. TICO MONTEIRO
ID 111	FROM DATA TO DECISIONS: EMPOWERING PIPELINE OPERATORS WITH ACTIONABLE INSIGHTS. ANA SILVA
11.15 ROOM 5	PERFORMANCE AND CONDITION OF PHYSICAL ASSETS. SESSION 1. CHAIR ÁLVARO RODRÍGUEZ PRIETO
ID 9	PERFORMANCE MEASUREMENT IN RETAIL WATER UTILITIES: GUIDING ASSET MANAGEMENT BY IDENTIFYING PEERS AND TARGETS. HERMILIO VILARINHO
ID 12	ASSESSMENT OF THE TECHNICAL AND FUNCTIONAL PERFORMANCE OF PUBLIC BUILDINGS. FILIPA SALVADO
ID 18	TECHNO-ECONOMIC ANALYSIS OF ALTERNATIVE REFRIGERANTS WITH LOWER GWP FOR THE RETROFIT OF HEAT PUMPS WITH R410A. PEDRO BARANDIER
ID 48	ENERGETIC AND ECONOMIC IMPACT OF THE HVAC TEMPERATURE SETPOINT ADJUSTMENT IN COMMERCIAL AND SERVICE BUILDINGS. PEDRO BARANDIER
ID 62	GESTÃO DE ATIVOS E A OTIMIZAÇÃO DA EFICIÊNCIA EM LABORATÓRIOS DE ENSAIOS DE MATERIAIS. EDUARDO GANILHO
ID 92	FROM VIDEO ACQUISITION TO EXPERIMENTAL MODAL ANALYSIS. TIAGO SILVA
12.45	LUNCH RESTAURANTE D' BACALHAU
14.15 AUDITORIUM I	PLENARY SESSION. ID 4. OPTIMISED ASSET INVESTMENT PLANNING WITH COPPERLEAF - MAKING THE RIGHT DECISION AT THE RIGHT TIME TO MAXIMISE VALUE AND MEET STRATEGIC GOALS. CRISTIANO MARTINCIGH.
15.00 AUDITORIUM I	RAIL SESSION. ID 120. DIGITAL TRANSFORMATION IN RAIL INFRASTRUCTURE.
	Chair: Esther Mateo Rodríguez. ADIF Dolores Sanz. IDOM Fernando Vara. ACCIONA Valentí Fontseré. COMSA Rocio Gutiérrez Richaud.. Ineco Paulo Duarte. PFP Rui Coutinho. Infraestruturas de Portugal

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15.00 AUDITORIUM III	DIGITALIZATION AND RISK MANAGEMENT SESSION. ID 132. EQS: ENGINEERING AND TECHNOLOGY. HOW DIGITALIZATION SERVES AS A TRANSFORMATIVE TOOL . HUGO BRANQUINHO
	ID 133. DIGITALIZATION AND RISK MANAGEMENT OF CRITICAL ENGINEERING ASSETS. AN ISO 55000-BASED DIGITAL APPROACH TO MONITOR, EVALUATE, AND IMPROVE DECISION PROCESSES FOR ASSET-INTENSIVE INDUSTRIES.
	Chair. Cláudia Rocha. EQS Hugo Branquinho .EQS Luís Nicolau. Águas do Norte Nuno Joaquim.Repsol Duarte Dias . INESCTEC Filipe Nunes . Amorim
15.00 ROOM 2	LIFE CYCLE MANAGEMENT. SESSION 1. CHAIR MARIA JOÃO FALCÃO.
ID 14	RESILIENCE AND LIFE CYCLE MANAGEMENT OF CRITICAL URBAN ASSET SYSTEMSIN FACE OF EMERGING THREATS. SEYED REZVANI
ID 22	VARIAÇÃO DO CUSTO ANUAL EQUIVALENTE AO LONGO DO CICLO DE VIDA DE EDIFÍCIOS PÚBLICOS. FILIPA SALVADO
ID 29	APPLICATION OF ASSET INVESTMENT PLANNING TOOL IN A PORTFOLIO OF PHYSICAL ASSETS. MARIA PINHEIRO
ID 36	A MODULAR & STREAMLINED APPROACH FOR MODELLING ASSET HEALTH AND RISK IN INFRASTRUCTURE ASSETS BASED ON FMECA METHODOLOGY. ZENA TULEMAT
ID 42	EVOLUÇÃO, INOVAÇÃO E APLICAÇÃO DE SISTEMAS DE CONSTRUÇÃO PRÉ-FABRICADA EM EDIFÍCIOS. MARIA JOÃO FALCÃO SILVA
ID 43	ANÁLISIS DE LOS COSTES DE INVERSIÓN Y OPERATIVOS EN EL CICLO DE VIDA DEL MATERIAL RODANTE FERROVIARIO: IMPLICACIONES PARA LOS ACTORES CLAVE Y ESTRATEGIAS DE GESTIÓN. JUAN MANUEL RAMÍREZ BUENO
15.00 ROOM 5	PERFORMANCE AND CONDITION OF PHISICAL ASSETS. SESSION 2. CHAIR CARLOS PARRA.
ID 68	ASSET PERFORMANCE REPORTING AS A KEY ELEMENT IN A ROAD AND RAIL ASSET MANAGEMENT SYSTEM. JOÃO MORGADO
ID 76	OPERATIONAL DAMAGE DETECTION ON BRIDGES: UNVEILING THE IMPACT OF THE TRAINING DATASET. JORGE VIEIRA
ID 79	ESTUDIO DE CAUSAS Y SOLUCIONES PARA LA GESTIÓN DE PUENTES EN ECUADOR. ESTEFANÍA CERVANTES

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ID 86	SATELLITE-BASED DISPLACEMENT MONITORING FOR ROAD INFRASTRUCTURE MAINTENANCE AND SAFETY. NUNO DURO
ID 91	TECNOLOGIA DE AMPLIFICAÇÃO DE MOVIMENTO NO ÂMBITO DA MANUTENÇÃO PREDITIVA (MOTION AMPLIFICATION). ANTONIO ROQUE
16.30	COFFEE BREAK
17.00 AUDITORIUM I	CASE STUDIES ON ENGINEERING ASSET MANAGEMENT. CHAIR NUNO ALMEIDA
ID 129	LA BUENA VIDA DE LAS INFRAESTRUCTURAS. SERGIO VÁZQUEZ TORRÓN. INECO
ID 126	DIGITALIZACIÓN Y GESTIÓN DE ACTIVOS FERROVIARIOS. BEGOÑA MARTÍN Y JOÃO DIONISIO. COMSA
ID 131	PROJETO TRANSVERSAL DE GESTÃO DE ATIVOS PARA O MATERIAL CIRCULANTE E OFICINAS FERROVIÁRIAS - UMA ABORDAGEM PRÁTICA PARA A MELHORIA DOS PROCESSOS E DA PRODUTIVIDADE. SILVIA FERREIRA Y MIGUEL RODRIGUES. CP
17.00 AUDITORIUM III	HYDROGEN SESSION. ID 99. TECHNICAL AND ENERGETIC CHALLENGES IN THE TRANSITION FROM NATURAL GAS TO HYDROGEN. ENAGAS
	Chair: Javier Serra. Enagas Rosa Nieto ENAGAS Jorge García ENAGAS Ricardo Fernández CSIC
17.00 ROOM 2	LIFE CYCLE MANAGEMENT. SESSION 2. ESTEFANÍA CERVANTES.
ID 51	ON-LINE CONDITION MONITORING OF ELECTRIC MOTOR DRIVES BASED ON ELECTRICAL ANALYSIS – SUCCESS CASE STUDIES IN INDUSTRY. JORGE ESTIMA
ID 55	POTENTIAL IMPACTS OF IMPLEMENTING CIRCULAR ECONOMY PRACTICES IN THE NIGERIAN FOREST PRODUCTS INDUSTRY: A SOCIAL LIFECYCLE ANALYSIS APPROACH. ISRAEL DUNMADE
ID 59	APLICACIÓN DE AUDITORÍA DE MANTENIMIENTO Y MODELO DE GESTIÓN DE MANTENIMIENTO A EMPRESA MANUFACTURERA DE PRODUCTOS COSMÉTICOS. CARLOS PARRA
ID 61	FACTORES DE SUCESSO E BLOQUEIO NO PLANEAMENTO E GESTÃO DAS INFRAESTRUTURAS URBANAS DE SUBSOLO. ANDRÉ SALVADOR
ID 104	AUDITORIA TÉCNICA NA GESTÃO DE ATIVOS INDUSTRIAIS: UMA ABORDAGEM SUSTENTÁVEL NA PERSPECTIVA DA OTIMIZAÇÃO DO CICLO DE VIDA ÚTIL. CLÁUDIA ROCHA

3rd of July Final Programme

17.00 ROOM 5	SPECIAL SESSION. DIGITAL INTELLIGENT ASSET MANAGEMENT SOLUTIONS (IAMS) FOR INTEGRAL ASSET LIFECYCLE MANAGEMENT. CHAIR ADOLFO CRESPO DEL CASTILLO.
ID 21	EXPLORING THE CARBON FOOTPRINT'S EFFECT ON LIFE CYCLE COSTS WITH DIGITALIZATION'S SUPPORT. VICENTE GONZÁLEZ-PRIDA
ID 24	EARLY FAILURE DETECTION IN SECONDARY CRYOGENIC PUMPS THROUGH MACHINE LEARNING TECHNIQUES IN THE CONTEXT OF INDUSTRY 4.0. SONIA LIÑAN
ID 45	DYNAMIC FLEET MAINTENANCE MANAGEMENT: INTEGRATING PREVENTIVE MAINTENANCE AND PREDICTIVE CBM WITH OPERATION SCHEDULING. ADOLFO CRESPO DEL CASTILLO
ID 46	FRAMEWORK FOR ASSET DIGITALIZATION: A HOLISTIC APPROACH FOR ENHANCED MANAGEMENT AND RELIABILITY IN THE DIGITAL ERA. EDUARDO CANDÓN
ID 47	STRATEGIC INTEGRATION OF DIGITAL INTELLIGENCE: TRANSFORMING ASSET MANAGEMENT ACROSS THE LIFECYCLE FOR INFORMED DECISION-MAKING. ADOLFO CRESPO MÁRQUEZ
ID 80	DIGITAL TRANSFORMATION OF MAINTENANCE AND ASSET MANAGEMENT. GFM&AM'S PROJECT 25DX INSIGHTS. ADOLFO CRESPO MÁRQUEZ
20.00	WELCOME COCKTAIL OCEANÁRIO

4th of July Final Programme

09.00 AUDITORIUM I	PLENARY SESSION. ID 123. DIGITALIZACIÓN DE LA RED DE CARRETERAS DE UNA REGIÓN EN ESPAÑA. LECCIONES APRENDIDAS PARA EL SOPORTE DE LA GESTIÓN DE INFRAESTRUCTURAS. ABEL GOMES. APPLUS.
09.45 AUDITORIUM I	PLENARY SESSION. ID 134. A NEUTRALIDADE CARBÓNICA, A TRANSFORMAÇÃO DIGITAL E A SUSTENTABILIDADE DA CADEIA DE VALOR DO NEGÓCIO COMO CATALISADORES DE UMA VISÃO (AINDA) MAIS HOLÍSTICA DA GESTÃO ESTRATÉGICA DE ATIVOS DO CICLO URBANO DA ÁGUA. NUNO MEDEIROS. EPAL.
10.30	COFFEE BREAK POWERED BY AYESA
11.00 AUDITORIUM I	APM-AEM SESSION. ID 121 MAINTENANCE AND ASSET MANAGEMENT: FUTURE AND TRENDS IN THE IBERO-AMERICAN SPACE Chair: Adolfo Crespo Márquez Claudio Rodríguez. AEM Diogo Brito. APMI Marcela Scalco. ABRAMAN
	ID 122. DIGITAL TRANSFORMATION IN MAINTENANCE AND ASSET MANAGEMENT IN THE IBERIAN REGION Chair: Adolfo Crespo Márquez José Antonio Marcos. TALGO Pedro Conceição (SONAE ARAUCO) Hugo Lebre (INFRASPEAK) Ignacio Moratalla Aguirre (AYESA)
11.00 AUDITORIUM III	CIRCULAR ECONOMY SESSION. ID 95: BIOCHAR APPLICATIONS AND CIRCULAR ECONOMY. ATIV Chair: Cátia Neves. ATIV - Mota ENGIL
11.00 ROOM 2	DATA ASSET & DIGITAL TRANSFORMATION. SESSION 1. ANTONIO GUILLÉN LÓPEZ.
ID 11	THE IMPACT OF BLOCKCHAIN TECHNOLOGY FOR SUSTAINABLE ASSET MAINTENANCE IN TELECOMS DOMAIN IN EMERGING MARKETS. CHARLES OKEYIA
ID 13	CHALLENGES AND PROSPECTS FOR INCREASING PRODUCTIVITY AND OVERCOMING THE DIGITALIZATION DEFICIT OF THE AECO INDUSTRY. SEYED REZVANI
ID 89	IMPLANTAÇÃO DE SISTEMA DE GESTÃO DE ATIVOS NA EMBASA: INTEGRAÇÃO DE SISTEMAS DE INFORMAÇÃO. RINALDO CAMURUGY
ID 33	MODELAÇÃO PARAMÉTRICA DE ANOMALIAS EM TÚNEIS FERROVIÁRIOS. ANA ROCHA
ID 106	A VALUE-BASED DECISION-MAKING PROCESS FOR DIGITAL TWINNING OPPORTUNITIES IN RAIL AND ROAD INFRASTRUCTURE ASSET MANAGEMENT. JOÃO VIEIRA

4th of July Final Programme

ID 3	DIGITALIZATION STRATEGY FOR ENGINEERING ASSET MANAGEMENT IN THE CONTEXT OF INDUSTRY'S NET-ZERO TRANSITION. <i>ÁLVARO RODRÍGUEZ PRIETO</i>
11.00 AUDITORIUM II	WORKSHOP. ID 5. THE COPPERLEAF OPTIMIZATION GAME. CRISTIANO MARTINCIGH.
12.30	LUNCH RESTAURANTE D' BACALHAU
14.00 AUDITORIUM I	PLENARY SESSION. ID 130. CONNECT THE DOTS TO ACHIEVE ASSET MANAGEMENT EXCELLENCE – THE IMPORTANCE OF ENTERPRISE ASSET MANAGEMENT IN A DIGITAL WORLD. TIAGO FERNANDES, SAP & ALFONSO LACERDA, EVORA.
14.45 AUDITORIUM I	APMI-AEM SESSION. ID 124. PEOPLE IN MAINTENANCE AND ASSET MANAGEMENT IN THE IBERIAN REGION .
	<i>Chair: Daniel Gaspar José Luis Bernal. MASA Álvaro Rodríguez Prieto. UNED Paulo Peixoto (ATEC) Mário Aguiam (ISQ)</i>
14.45 AUDITORIUM III	LOCAL GOVERNMENT SESSION. ID 96. IMPROVING ASSET MANAGEMENT IN LOCAL GOVERNMENTS. CHAIR MIGUEL ALMEIDA.
14.45 ROOM 2	MANAGEMENT SYSTEMS AND STANDARDS. SESSION 1. CHAIR RITA BRITO.
ID 19	SISTEMA DE GESTÃO DE ATIVOS NA MANUTENÇÃO DE PAVIMENTOS RODOVIÁRIOS. <i>JOSÉ VAZ</i>
ID 27	LOS SISTEMAS DE GETIÓN DE ACTIVOS DE CARRETERAS COMO HERRAMIENTAS PARA LA OPTIMIZACIÓN DE LOS PRESUPUESTOS DE CONSERVACIÓN. <i>ALBERTO MARTINEZ NAVARRO</i>
ID 83	GESTÃO DE ATIVOS APLICADA EMPRESAS DE SANEAMENTO: IMPLANTAÇÃO DE MODELO NA EMPRESA BAIANA DE ÁGUAS E SANEAMENTO (EMBASA). <i>ALISSON BRANDÃO</i>
ID 77	NEW VALUE PERSPECTIVE FOR SOCIAL PRICELESS ASSETS THROUGH DIGITAL TRANSFORMATIONS. <i>JOAQUÍN ORDIERES-MERÉ</i>
ID 78	DESAFIOS ATUAIS DA E-REDES NA GESTÃO DE ATIVOS TÉCNICOS. <i>MIGUEL FREITAS</i>
14.45 ROOM 5	SUSTAINABILITY. SESSION 1. CHAIR: ANA SILVA.
ID 56	AValiação EX-ANTE DA PRODUÇÃO DE MISTURAS BETUMINOSAS CONSIDERANDO TRÊS CENÁRIOS DE PRODUÇÃO ALTERNATIVOS. <i>ANA ROCHA</i>

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ID 71	THE SYNERGY BETWEEN LEAN PHILOSOPHY AND VALUE ENGINEERING FOR NEW PRODUCT DEVELOPMENT. <i>ANDRÉ GUIMARÃES</i>
ID 72	SOLUÇÃO CONJUGADA DE CONSTRUÇÃO TRADICIONAL E TECNOLOGIA MODULAR PARA BAIROS INFORMAIS SUSTENTÁVEIS EM CABO VERDE. <i>FELISBERTO CORTES</i>
ID 75	"BOTICHAR" PROJECT – THE FIRST STEPS TOWARDS DECARBONISATION IN PORTUGAL. <i>DIEGO ARÁN</i>
ID 90	IMPLANTAÇÃO DA GESTÃO DE ATIVOS NO SISTEMA DE ABASTECIMENTO DE ÁGUA E ESGOTAMENTO SANITÁRIO DE BARRA DE POJUCA NA EMBASA – EMPRESA BAIANA DE ÁGUAS E SANEAMENTO. <i>RINALDO CAMURUGY</i>
16.15	COFFEE BREAK
16.45 AUDITORIUM I	CASE STUDIES ON ENGINEERING ASSET MANAGEMENT. CHAIR JOAQUÍN ORDIERES
ID 136	SMART ASSET MANAGEMENT: TALGO AS A COMPLETE SOLUTION FOR TRAINS. <i>LUIS ALFONSO HENAR PÉREZ, JOSÉ ANTONIO MARCOS ALBERCA. TALGO</i>
ID 128	IMPORTANCIA DEL FACTOR HUMANO EN LA APLICACIÓN DE LA INGENIERÍA DEL MANTENIMIENTO EN LA GESTIÓN DE ACTIVOS. <i>JOSÉ LUIS BERNAL. MASA</i>
ID 115	UN ENFOQUE UNIFICADO DE LA GESTIÓN DE ACTIVOS MEDIANTE SAP Y BIM EN AT/MT/BT ELÉCTRICA. <i>IGNACIO MORATALLA AGUIRRE. AYESA</i>
16.45 AUDITORIUM III	LOCAL GOVERNMENT SESSION. ID 97. BUILDING SUSTAINABLE COMMUNITIES WITH ASSET MANAGEMENT. CHAIR MIGUEL ALMEIDA.
16.45 ROOM 2	DATA ASSETS & DIGITAL TRANSFORMATION. SESSION 2. CHAIR: VICENTE GONZÁLEZ PRIDA.
ID 15	INDUSTRIAL IOT AND 3D DIGITAL TWIN FOR REAL TIME-EVERGREENING OF ENGINEERING ASSETS SUBJECTED TO CORROSION UNDER INSULATION. <i>ALVARO RODRÍGUEZ-PRIETO</i>
ID 26	UNA EFICAZ GESTIÓN DE ACTIVOS DE REDES DE CARRETERAS A PARTIR DE GEMELOS DIGITALES. <i>ALBERTO MARTINEZ NAVARRO</i>
ID 70	OVERVIEW OF THE USE OF DATA ASSETS IN THE CONTEXT OF PORTUGUESE COMPANIES: COMPARISON BETWEEN SMES AND LARGE COMPANIES. <i>ANDRÉ GUIMARÃES</i>
ID 73	MODIFICAÇÃO DO MÉTODO DELPHI PARA APLICAÇÃO NUM QUESTIONÁRIO SOBRE A TRANSFORMAÇÃO DIGITAL NA GESTÃO DE ATIVOS. <i>SAMUEL MESSIAS</i>
ID 103	NDE & SENSING SOLUTIONS FOR PIPELINE STRUCTURAL HEALTH MONITORING. <i>GABRIEL DINIS</i>
ID 112	DIGITALIZING BUILDING MAINTENANCE: BIM-POWERED ASSET MANAGEMENT SOLUTIONS. <i>ANA SILVA</i>

4th of July Final Programme

16.45 ROOM 5	MANAGEMENT SYSTEMS AND STANDARDS. SESSION 2. FILIPA SALVADO.
ID 16	COLLECTIVE USE BUILDINGS ASSET MANAGEMENT BASED ON TECHNICAL AND ESSENTIAL REQUIREMENTS. MARIA JOÃO FALCÃO
ID 35	IMPLEMENTATION PROCESS OF AN ISO 55001 CERTIFIED ASSET MANAGEMENT MODEL IN THE NATURAL GAS INDUSTRY. JAVIER SERRA
ID 41	IMPLEMENTACIÓN DE UN PLAN DE GESTIÓN DE ACTIVOS SEGÚN LA NORMA ISO 55001 EN LA CENTRAL DE GENERACIÓN ELÉCTRICA COLMITO. CARLOS PARRA
ID 63	A EVOLUÇÃO E PERSPETIVAS DA GESTÃO DE ATIVOS: UM MODELO ABRANGENTE E INTEGRADO DE GESTÃO DE ATIVOS INDUSTRIAIS. JOAQUIM CABRAL MARTINS
ID 82	CERTIFICAÇÃO ISO 55001 NA E-REDES – UMA AVALIAÇÃO APÓS DOIS ANOS. CRISTINA CARVALHO
ID 110	IMPORTÂNCIA DO ALINHAMENTO DAS FUNÇÕES ORGANIZACIONAIS E DA ESTRUTURAÇÃO DOS ATIVOS NA TOMADA DE DECISÃO SOBRE INVESTIMENTOS NO SETOR DA ÁGUA. JAIME GABRIEL SILVA
20.00	GALA DINNER KAIS RESTAURANTE

5th of July Final Programme

09.00 AUDITORIUM I	PLENARY SESSION ID 113. EXPLORING FUTURE PERSPECTIVES IN ENGINEERING ASSET MANAGEMENT: INSIGHTS FROM EMINENT LEADERS.
	Chair: Adolfo Crespo Márquez David Mckewon. Honorary Vice President of the Institute of Asset Management Joe Amadi Echendu. Chair of the Board of Directors of the International Society of Engineering Asset Management Edmea Adell. Chairperson of IFRAMI and member of ISO/TC 251 Asset Management Alan Wilson. EFNMS Asset Management Committee representative
09.45 AUDITORIUM I	CRITICAL INFRASTRUCTURE SESSION. ID 135. THE ROLE OF ASSET MANAGEMENT IN THE RESILIENCE OF CRITICAL INFRASTRUCTURE. EPAL
	Chair: Ana Margarida Luís. AdP Valor Miguel Freitas. E-REDES Vanessa Martins. EPAL Javier Serra. ENAGÁS Infraestruturas de Portugal
09.45 AUDITORIUM III	ENTREPRENEURSHIP COMPETITION. CHAIR EDUARDO LEITE
ID 8	EUROPEAN ACTION TOWARDS MORE ENTREPRENEURIAL AND INNOVATIVE UNIVERSITIES. NUNO ALMEIDA
ID 74	ENTREPRENEURSHIP EDUCATION: FAILURE PREVENTION AS A PILLAR FOR SUCCESS. EDUARDO LEITE
ID 20	NETOBRA. A TECHNOLOGICAL ADVANCEMENT FOR URBAN RESILIENCE IN THE AECO SECTOR. SEYED REZVANI
ID 117	SPOTLITE. RISK MONITORING FROM SPACE. NUNO DURO
ID 127	DIPROTOS. SISTEMA DE MONITORIZAÇÃO E VIGILÂNCIA DOS ATIVOS: PARQUES PÚBLICOS INFANTIS E DE LAZER. ANTÓNIO ROQUE
ID 94	BCIRCLE. PROJECTO "BOTICHAR". UMA UNIDADE DE PRODUÇÃO EFICIENTE E ESCALÁVEL. JOSÉ COSTA PINHEIRO
ID 102	AECYCLE. SUSTAINABLE AND DIGITAL INNOVATIONS IN ENGINEERING ASSET MANAGEMENT. MARCO PEDROSO
ID 109	CASADOMO. HABITAÇÃO INOVADORA E SUSTENTÁVEL EM SUPERDOBE MODULAR PARA BAIROS INFORMAIS DA CIDADE DA PRAIA - CABO VERDE. FELISBERTO CORTÊS
09.45 ROOM 2	SUSTAINABILITY. SESSION 2. CHAIR ANA LUÍSA CABRITA
ID 114	SUSTAINABILITY AND OTHER OUTCOMES - THE VALUE OF A STRATEGIC ASSET MANAGEMENT APPROACH. DAVID MCKEOWN

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ID 31	A COMPARATIVE STUDY IN EUROPE TO MEASURE THE IMPACT OF GOVERNMENT POLICIES, INDUSTRY ON PUBLIC PERCEPTION OF RENEWABLE ENERGY. <i>KHULOUD KALTHOUM</i>
ID 17	PROTECTING AND REALIZING VALUE FROM POLLINATION ASSETS: BEEKEEPING OR ASSET MANAGEMENT APPLIED TO NATURAL ASSETS?. <i>AZUCENA MARQUES</i>
ID 54	A STUDY ON THE PERCEPTION AND AWARENESS OF CIRCULAR ECONOMY PRACTICES BY MANUFACTURING COMPANIES IN SANGO-OTA REGION, OGUN STATE NIGERIA. <i>ISRAEL DUNMADE</i>
ID 39	REALITY CAPTURE AND MODELLING FOR DIGITAL WATER MANAGEMENT: CASE STUDY OF WATER INFRASTRUCTURE ASSETS IN BRAZIL. <i>WAGNER CARVALHO</i>
09.45 ROOM 5	RISK & RELIABILITY. CHAIR ANTONIO SÁNCHEZ.
ID 6	DATA MODEL TO DIGITIZATION OF CRITICALITY ANALYSIS IN RAILWAY SYSTEMS. <i>ÁNGEL MENA</i>
ID 1	APLICACIÓN DEL MODELO DE GESTIÓN DE MANTENIMIENTO (MGM) ALINEADO A UN PROCESO INTEGRAL DE GESTIÓN DE ACTIVOS.CASO DE ESTUDIO: SINEA PERÚ, EMPRESA LÍDER EN LATINOAMÉRICA DEL SECTOR DE PRODUCCIÓN ENVASES RECICLADOS PARA BEBIDAS COMERCIALES (PET). <i>CARLOS PARRA</i>
ID 7	MATRIZ DE CRITICIDAD CUALITATIVA DE RIESGO (MCCR) APLICADA EN UNA LÍNEA DE PRODUCCIÓN DE ENVASES BIODEGRADABLES, <i>CARLOS PARRA</i>
ID 30	MODELO DE AVALIAÇÃO DO NÍVEL DO RISCO EM OBRAS DE CONTENÇÃO DA INFRAESTRUTURAS DE PORTUGAL: VISÃO GERAL DA ESTRUTURA E FUNCIONAMENTO. <i>JOÃO LUÍS AMADO</i>
ID 25	MODELO DE AVALIAÇÃO DO NÍVEL DO RISCO EM OBRAS DE CONTENÇÃO DA INFRAESTRUTURAS DE PORTUGAL: VALIDAÇÃO COM BASE EM DADOS REAIS. <i>JOÃO VINAGRE AMADO</i>
11.15	COFFEE BREAK
11.45 AUDITORIUM I	ORGANIZATION AND PEOPLE SESSION. ID 125. INTELLIGENT ASSET MANAGEMENT : PEOPLE , PROCESSES AND TECHNOLOGY AS ENABLERS FOR ISO 55001 CERTIFICATION. EVORA/SAP
Chair: <i>Patrícia Franganito (Bureau Veritas)</i> <i>Tiago Fernandes (SAP EMEA)</i> <i>João Moura (Ernst & Young)</i> <i>Paula Branco (Metro do Porto)</i> <i>Ignacio Moratalla Aguirre (AYESA)</i>	

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11.45 AUDITORIUM III	DATA ASSET & DIGITAL TRANSFORMATION. SESSION 3. CHAIR HUGO PATRÍCIO.
ID 37	GRADIENT BOOSTING CLASSIFIER-BASED APPROACH ON WASTEWATER NETWORK AGE PREDICTION FOR CRITICAL ASSETS IDENTIFICATION. <i>RICARDO FERREIRA</i>
ID 49	DIGITALIZAÇÃO E ANÁLISE FUNCIONAL INTEGRADA (AFI) NO PROCESSO DE TOMADA DE DECISÃO DA GESTÃO DE ATIVOS. <i>HUGO BRANQUINHO</i>
ID 50	INFODYNAMIC ANALYSIS OF DAMAGE DETECTION OF BRIDGES. <i>JORGE ALEXANDRE VIEIRA</i>
ID 57	MONITOREO DE LA SALUD ESTRUCTURAL MEDIANTE REALIDAD AUMENTADA Y VIRTUAL: UNA REVISIÓN INTEGRAL. <i>MATÍAS VALENZUELA</i>
ID 66	AVALIAÇÃO METODOLÓGICA DA APLICABILIDADE DA MONITORIZAÇÃO POR SATÉLITE NA GESTÃO DE ATIVOS RODOFERROVIÁRIOS. <i>JOÃO LUÍS AMADO</i>
11.45 ROOM 2	SUSTAINABILITY. SESSION 3. CHAIR JOSÉ CAMPOS E MATOS.
ID 32	GESTÃO DE ATIVOS DE ÁGUAS PLUVIAIS EM MEIO URBANO EM PORTUGAL – DESAFIOS PARA O SETOR. <i>RITA SALGADO BRITO</i>
ID 81	A IMPORTÂNCIA DA AVALIAÇÃO DA QUALIDADE NA GESTÃO E OTIMIZAÇÃO DE ATIVOS FOTOVOLTAICOS. <i>TERESA CANELAS</i>
ID 93	PATHWAYS TOWARDS NET-ZERO: MARKET DATA INSIGHTS ON PORTUGUESE REAL ESTATE ENERGY PERFORMANCE. <i>JOANA PEDRO</i>
ID 100	TRANSIÇÃO DIGITAL E INOVAÇÃO TECNOLÓGICA NO SETOR AECO - ESTRATÉGIAS INTEGRADAS PARA UM FUTURO SUSTENTÁVEL. <i>MARCO PEDROSO</i>
ID 105	COMO TORNAR UM AMS – ASSET MANAGEMENT SYSTEM OPERACIONAL E SUSTENTÁVEL. <i>EDMEA ADELL</i>
ID 107	HARNESSING THE POWER OF BIOMIMICRY FOR SUSTAINABLE INNOVATION IN PRODUCT DESIGN AND INDUSTRIAL DEVELOPMENT. <i>ARUNA M</i>
11.45 ROOM 5	PEOPLE AND COMPETENCE. CHAIR TICO MONTEIRO
ID 10	INNOVATION IN MAINTENANCE AND ASSET MANAGEMENT SKILLS TOWARDS DIGITAL TRANSFORMATION. <i>MARIA JOÃO FALCÃO SILVA</i>
ID 53	PROFICIÊNCIA DIGITAL DE ESTUDANTES DE ENGENHARIA: DESAFIOS E OPORTUNIDADES NO CENÁRIO EUROPEU. <i>CELIA DO CARMO LEANDRO</i>

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ID 87	PROPUESTA DE METODOLOGÍA DE GESTIÓN DEL CAMBIO COMO COMPLEMENTO AL MARCO DE REFERENCIA PARA UNA GESTIÓN DE ACTIVOS INTANGIBLES Y CONOCIMIENTO. VICENTE GONZÁLEZ PRIDA
ID 118	A IMPORTÂNCIA DA FORMAÇÃO PARA UM MELHOR DESEMPENHO NOS MÉTODOS E PLANEAMENTO DA MANUTENÇÃO DE ATIVOS. DÉRCIO DIAS
ID 2	CRITICAL ASSETS AND VALUE NETWORKS IN RESILIENT INNOVATION ECOSYSTEMS IN THE EU OUTERMOST REGIONS. EDUARDO LEITE
13.15 AUDITORIUM I	CLOSING CEREMONY BEST PAPER DIGITALIZATION BEST PAPER SUSTAINABILITY ENTERPREUNERSHIP COMPETITION LIFETIME ACHIEVEMENT AWARD
13.45	LUNCH RESTAURANTE D' BACALHAU