

DAM WORLD CONFERENCE – PRELIMINARY AGENDA

DATE: October 08th to 11th, 2012
PLACE: MACEIÓ – BRAZIL

MONDAY – October, 8th

AFTERNOON

16:00 – 18:30	REGISTRATION
18:30 – 20:30	CONGRESS OPENING CEREMONY
20:30 – 22:30	TECHNICAL EXHIBITION OPENING WELCOME RECEPTION

TUESDAY – October, 9th

MORNING

10:00 – 11:00	MODELING AND ANALYSIS OF THE BEHAVIOUR OF CONCRETE DAMS. RECENT ADVANCES (Special lecture) <i>Dr. Eng. Carlos Pina</i> <i>CEO LNEC – Portugal</i>
11:00 – 11:30	<i>Coffee Break</i>
11:30 – 12:15	CONCRETE IN BRAZILIAN POWER UTILITY SECTOR (Special Lecture) <i>Eng. Walton Pacelli de Andrade</i> <i>Director Engeconsol - Internatinal Consultant - Brazil</i>
12:15 – 12:45	DAMS IN BRAZIL OVERVIEW (Special Lecture) <i>Eng. Brasil Pinheiro Machado</i> <i>Brazilian Committee on Dams – CBDB</i>

AFTERNOON

14:00 – 14:30	MODERNAS PRÁTICAS DE PROJETO (Special Lecture) <i>Eng. Bruno Luiz Castro Martins</i> <i>Director VLB Engenharia Ltda.</i>
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- 14:30 – 15:00 BELO MONTE POWERPLANT PROJECT (Special Lecture)
Eng. Lourenço J. N. Babá
Vice President Intertechne Consultores Associados Ltda.
- 15:00 – 15:15 CURRENT STUDIES ON HPPS FROM THE PAULO AFONSO HYDROELECTRIC COMPLEX IN RELATION TO THE QUALITY AND DURABILITY OF CONCRETES (54CBC0639)
Nicole Hasparik de Andrade
Furnas Centrais Elétricas – Brazil
- 15:15 – 15:30 THE USE OF GEOMEMBRANES IN REHABILITATION AND NEW CONSTRUCTION OF DAMS (54CBC0068)
José Augusto Machado do Vale
Carpi
- 15:30 – 15:45 EFFECT OF POZZOLAN AND BLAST FURNACE SLAG IN THERMAL STRESS ANALYSIS (54CBC0387)
Sérgio Botassi
Furnas Centrais Elétricas – Brazil
- 15:45– 16:00 STUDY FOR THE DEVELOPMENT OF THE HYDROELECTRIC ARTIBONITE 4C (54CBC0308)
Maria Esther Marques e Marcelo Mello
Instituto Militar de Engenharia – Brazil
- 16:00 – 16:30 COFFEE BREAK
- 16:30 – 16:45 A STUDY ON SAFETY OF SLOPES (54CBC0384)
Prof. Dr. Gopi Siddappa
P.E.S. College of Engineering
- 16:45 – 17:00 EXPERIMENTAÇÃO E MODELAGEM 3D TERMOVISCOELÁSTICA COM ENVELHECIMENTO DO CONCRETO NAS PRIMEIRAS IDADES DA CAIXA ESPIRAL DA UHE BATALHA (54CBC0825)
Flávio Mamede Pereira Gomes –
Furnas Centrais Elétricas
- 17:00 – 17:15 OPTIMIZATION OF MASS CONCRETE CONSTRUCTION PHASING: CASE STUDY OF THE CHANNEL OF A DAM SPILLWAY (54CBC0555)
Flávio Mamede Pereira Gomes – Furnas
Furnas Centrais Elétricas representando o Departamento de Engenharia Civil da Universidade do Minho
- 17:15 – 17:30 MONITORING AND MODELING THE DYNAMIC BEHAVIOUR OF ARCH DAMS (54CBC0488)
António Lopes Batista
LNEC
- 17:30 - 17:45 ANALYSIS OF PETI DAM SWELLING PROCESS (54CBC06190)

	<i>António Tavares</i> <i>LNEC - Portugal</i>
17:45 – 18:00	THE BAIXO SABOR UPSTREAM AND DOWNSTREAM DAMS. RELEVANT DESIGN AND CONSTRUCTION FEATURES (54CBC0710) <i>Ricardo Pimentel</i> <i>EDP – Portugal</i>
18:00 – 18:15	MINA DE NEVES CORVO DA SOMINCOR (PORTUGAL). AMPLIAÇÃO DO SISTEMA DE DEPOSIÇÃO DE RESÍDUOS E DE ARMAZENAMENTO DE ÁGUA RESIDUAL. OBSERVAÇÃO E ANÁLISE DO COMPORTAMENTO DAS OBRAS DE ATERRO (54CBC0471) <i>Eng. Gonçalo Tavares</i> <i>Cenor – Portugal</i>
18:15 – 18:30	UM ESTUDO NUMÉRICO DOS EFEITOS TÉRMICOS PROVOCADOS PELO CALOR DE HIDRATAÇÃO DO CIMENTO EM BARRAGENS (54CBC0585) <i>Prof Dra Nailde de Amorim Coelho</i> <i>Universidade de Brasília</i>

WEDNESDAY – October, 10th

MORNING

10:00 – 11:00	
11:00 – 11:30	<i>Coffee Break</i>
11:30 – 12:15	PERSPECTIVAS DE INVESTIGAÇÃO DO LNEC EM BARRAGENS DE ATERRO. RESEARCH PERSPECTIVES IN EMBANKMENT DAMS AT LNEC (Special Lecture) <i>Eng. Laura Caldeira</i> <i>LNEC – Portugal</i>
12:15 – 12:45	PRÁTICAS DE MONITORAMENTO E MANUTENÇÃO (Special Lecture) <i>A definir</i> <i>Itaipu Binacional</i>

AFTERNOON

14:00 – 14:15	INFORMATION MANAGEMENT SYSTEMS FOR DAM SAFETY CONTROL. THE PORTUGUESE EXPERIENCE (54CBC0645) <i>António Tavares de Castro</i> <i>LNEC - Portugal</i>
14:15 – 14:30	PRACTICAL ASSESSMENT OF THE STRUCTURAL EFFECTS OF SWELLING PROCESSES AND UPDATED INVENTORY OF THE

	AFFECTED PORTUGUESE CONCRETE DAMS (54CBC0476) <i>Eng. António Lopes Batista</i> <i>LNEC - Portugal</i>
14:30 – 14:45	ANALYSIS AND INTERPRETATION OF THE STRUCTURAL BEHAVIOR OF CAHORA BASSA DAM (MOZAMBIQUE) (54CBC0470) <i>Eng. António Lopes Batista</i> <i>LNEC - Portugal</i>
14:45 – 15:00	SISTEMA DE GESTÃO DE MEDIDAS (SGM) PARA AUSCULTAÇÃO DA BARRAGEM DE ITAIPU (54CBC0713) <i>Étore Funchal de Faria</i> <i>Itaipu Binacional</i>
15:15 – 15:30	CONTROLE SISTEMATIZADO DAS DRENAGENS DE FUNDAÇÃO E DE CONCRETO DA BARRAGEM DE ITAIPU (54CBC0723) <i>Étore Funchal de Faria</i> <i>Itaipu Binacional</i>
15:30– 15:45	USING NEURAL NETWORKS IN EARTHFILL DAMS EMERGENCY PLANNING (54CBC0483) <i>João Marcelino e Teresa Viseu</i> <i>LNEC – Portugal</i>
15:45 – 16:00	MONITORING THE BEHAVIOUR OF MASSINGIR DAM IN MOZAMBIQUE (54CBC0506) <i>João Marcelino e João Portugal</i> <i>LNEC – Portugal</i>
16:00 – 16:30	<i>COFFEE BREAK</i>
16:30 – 17:00	LEI DE SEGURANÇA DE BARRAGENS (Special Lecture) <i>Eng. Carlos Motta Nunes</i> <i>National Water Resources Agency – ANA – Brazil</i>
17:00 – 17:15	REINFORCEMENT OF THE FOUNDATION GROUT DUE TO PROBLEMS DETECTED DURING THE FIRST FILLING (54CBC1002) <i>João Marcelino e José Boal Paixão</i> <i>LNEC – Portugal</i>
17:15 – 17:30	FOR A STRUCTURAL FRAMEWORK FOR DAM SAFETY PLAN - DSP BASED UPON THE BRAZILIAN FEDERAL LAW NO. 12,334 (54CBC0566) <i>Prof. Dr. Carlos Henrique de A. C. Medeiros</i> <i>Dam Safety Branch Coordinator, CERB – Environmental and Water Resources Engineering Company of Bahia</i> <i>Universidade Estadual de Feira de Santana</i>
17:30 - 17:45	A IMPORTÂNCIA DO LEVANTAMENTO GEOLÓGICO ESTRUTURAL NA CONSTRUÇÃO DO MODELO GEOMÉTRICO 3D PARA A

DETERMINAÇÃO (0727)
Isabella Franoso Rebutini Figueira
Lactec – Brazil

17:45 – 18:00 THRESHOLD DEFINITION FOR INTERNAL EARLY WARNING SYSTEMS FOR STRUCTURAL SAFETY CONTROL OF DAMS. APPLICATION TO A LARGE CONCRETE DAM (54CBC 0649)
Ant3nio Tavares de Castro
LNEC - Portugal

18:00 – 18:15 NOVEL FIBER OPTIC TRANSDUCERS EMBEDDED INTO CONCRETE MASS APPLIED TO THE NEW ALTO CEIRA DAM (54CBC0774)
Ricardo Pimentel
EDP – Portugal

18:15 – 18:30 THE RESHAPING DURING CONSTRUCTION OF THE RIGHT ABUTMENT FOUNDATION OF THE NEW ALTO CEIRA DAM IN PORTUGAL (54CBC0732)
Ricardo Pimentel e Jo3o Cunha
EDP – Portugal

TUESDAY – October, 11th

ALL DAY

07:00 – 18:00 TECHNICAL VISIT

20:30 – 24:00 FAREWELL BANKET