

3th NOVA – YAMAGUCHI International Seminar 2016

Civil Engineering Session – Earthquake resistant structures

Date: 26th October 2016, Faculdade de Ciências e Tecnologia da UNL, Auditório da Biblioteca

9:00-9:15	Reception of participants	
9:15-9:30	Opening Session	
9:30-10:15	Prof. Fusanori Miura, Vice President Yamaguchi University	The Lisbon Earthquake - The impact on the human society and history
10:15-10:45	Prof. Válter Lúcio, UNL	The Lisbon Earthquake – Construction evolution after the earthquake
10:45-11:15	Coffee break	
11:15-11:45	Prof. António Pinho Ramos, UNL	Seismic behaviour of flat slab structures – Research at NOVA
11:45-12:15	Prof. Hideaki Nakamura, YU	Application of deep learning to deterioration diagnosis of a concrete structure
12:15-12:45	Prof. Carlos Chastre, UNL	Seismic retrofit of existing structures using FRP composites
12:45-14:15	Lunch	
14:15-14:45	Prof. Ana Rita Gião, ISEL	Seismic strengthening of rc beams critical zones
14:45-15:15	Prof. Hiroshi Matsuda, YU	Estimation of earthquake-induced ground subsidence
15:15-15:45	Prof. Rui Marreiros, UNL	Precast hybrid wall-foundation connections
15:45-16:15	Coffee break	
16:15-17:15	Prof. Gakuho Watanabe, YU	Damage of bridges due to the 2016 Kumamoto earthquake
17:15-17:45	Prof. Cornel Cismasiu, UNL	Seismic vulnerability assessment of a pedestrian crossing
17:45-18:30	Prof. Ayaho Myiamoto, YU	Long span bridges on urban area and typical damages due to major earthquakes
18:30	Closing session	

Organizing Commission: Rui Marreiros, Carla Marchão, Válter Lúcio

NOVA – YAMAGUCHI – ZARAGOZA International Seminar in Sustainable Chemical Processes 2016

Date: 27th October 2016

Venue: Faculdade de Ciências e Tecnologia - NOVA, Auditório da Biblioteca, *Campus de Caparica*

9:00-9:15	Reception of Participants	
9:15-10:00	Prof. Hidetoshi Kita, UY	High Performance Membranes – from Polyimide to Nano-space Membranes”
10:00-10:45	Prof. Miguel Menéndez, UZ	Characterization of Zeolite Membranes Towards Their Use in Membrane Reactors for Methanol Production
10:45-11:15	Coffee Break and Poster Session	
11:15-11:45	Dr. Rosa Huertas, UNL	Photocatalytic and Permeation Properties of Silicon Carbide Membranes Modified by the Sol-Gel Method
11:45-12:15	Dr. Carla Portugal, UNL	Functional Materials for Protein Processing
12:15-12:45	Prof. Isabel Coelho, UNL	New Biopolymeric Membranes for Solvent Dehydration by Pervaporation
12:45-14:15	Lunch	
14:15-15:00	Prof. Tsuyoshi Imai, UY	Novel Disinfection Process of Pathogens (Microorganisms) in Water Using High-dissolved CO ₂ Water
15:00-15:45	Dr. Patricia Ugarte, UZ	Two-zone Fluidized Bed Reactor with Hydrogen Selective Membranes for Dry Reforming of Methane
15:45-16:15	Coffee Break and Poster Session	
16:15-16:45	Dr. Luísa Neves, UNL	Design of Chitin-Glucan Complex Structures using Ionic Liquids
16:45-17:45	Round Table Discussion	Opportunities for Faculty and Students Mobility
17:45	Closing Session	

Organizing Commission: Izumi Kumakiri, João Crespo, Miguel Menéndez