

RELACIÓN DE PROFESORES

PROPIOS DE LA UNIVERSIDAD DE CANTABRIA	DEPARTAMENTO
Dr. Daniel Alvear Portilla Dr. Orlando Abreu Menéndez Dr. Mariano Lázaro Urrutia Dr. Arturo Cuesta Jiménez	Transportes y Tecnología de Proyectos y Procesos Transportes y Tecnología de Proyectos y Procesos Transportes y Tecnología de Proyectos y Procesos Transportes y Tecnología de Proyectos y Procesos
AJENOS A LA UNIVERSIDAD DE CANTABRIA	UNIVERSIDAD U ORGANISMO
Dr. Vytenis Babrauskas Dr. Wan-Ki Chow Dr. Michael Delichatsios Dr. Bogdan Dlugogorski Dr. Sergey Dorofeev Dr. Marcos Chaos Dr. Dougal Drysdale Dra. Rita F. Fahy Dr. Carlos Fernández-Pello Dr. Charles M. Fleischmann Prof. Pedro Luis García Ybarra Dr. Steven Gwynne Dr. George Hadjisophocleous Dr. Yuji Hasemi Mr. Chris Jelenewicz Dr. Chris Lautenberger Dr. Amable Liñán Dr. Andre Marshall Dr. Bart Merci Dr. Frederick W. Mowrer Dr. Daniel Nilsson Dr. Paulo Piloto Dr. David Purser Dr. James G. Quintiere Dr. Guillermo Rein Dr. Albert Simeoni Dr. Stanislav I. stoaliarov Dr. Weiguo Song Dr. Takeyoshi Tanaka Dr. José L. Torero Dr. Arnaud Trouve Dr. Patrick Van Hees	Fire Science and Technology Inc. Hong Kong Polytechnic University University of Ulster Murdoch University FM Global FM Global University of Edinburgh NFPA University of California, Berkeley University of Canterbury UNED NRC Carleton University Waseda University SFPE- Society of Fire Protection Engineers Reax Engineering Inc Polytechnic University of Madrid University of Maryland Gent University California Polytechnic State University Lund University Institute Polytechnic of Bragança Hartford Environmental Research University of Maryland Imperial College London University of Edinburgh University of Maryland University of Science and Technology DPRI, Kyoto University University of Queensland University of Maryland University of Lund

MEDIOS PERSONALES Y MATERIALES DE LA UNIVERSIDAD DE CANTABRIA (y, en su caso, de Entidades Colaboradoras)

P.A.S.

BECARIOS COLABORADORES

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MEDIOS MATERIALES

(Aulas, Laboratorios, Material Informático, etc.)

Salón de Actos

Sala de Grados

Aula E4

Proyector de Transparencias

Proyector Vista Fija

Cañón de Video

Sistema de megafonia

CENTRO O LUGAR DE IMPARTICIÓN

E.T.S. de Ingenieros Industriales y de Telecomunicación

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RELACIÓN DE MATERIAS Y ACTIVIDADES QUE INTEGRAN EL PROGRAMA

DENOMINACIÓN DE LAS MATERIAS Y ACTIVIDADES	PROFESORES	HORAS	T.*	P.*
Spatio-temporal collection and visualization of fire incident data.	Vandecasteele, F.; Verkaemer, S.; Gevaert, W.; Verstockt, S.	1/3	1/3	
FDS Simulation with IMO MSC Guidelines for fire Suppression Tests in Accommodation Spaces.	Bellas Rivera, R.; Gómez Rodríguez, M.A.; González Gil, A.	1/3	1/3	
The American Wood Council is engaged in further validation of science-based design tools to accommodate the acceptance of tall wood buildings by building codes.	Bland, M.; Brandon, D.	1/3	1/3	
The older adult - Circumstances Surrounding Dwelling Fire Fatalities and Directions for Future Fire Safety Intervention Strategies.	Cassidy, P.; Mcconnell, N.C.; Boyce, K.E.	1/3	1/3	
Social Benefits of Wildfire Management Policies in the Republic of Korea.	Lee, Y.; Bong Chang, J.	1/3	1/3	
Live-Fire Training Fatalities and the Degree of Adherence to National Fire Protection Association Standards (NFPA 1403).	Spoons, C.	1/3	1/3	
Drawbacks when using a Prescriptive Approach for Evacuation design of Intensive Care Units	Pérez Salgueiro, O.; Jönsson, J.; Vigne, G.; Osacar Crespo, A.; Echeverria Trueba, J	1/3	1/3	
Investigation of smoke ventilation system effect on emergency evacuation for different passenger densities in a conventional subway station.	Mehryar, R.; Sotoudeh, M.	1/3	1/3	
FireDispatch: A tool for deploying and dispatching initial-attack firefighting resources based on spatial fire information system.	Lee, Y; Seo, Y.; Lee, B.	1/3	1/3	
Propuesta de una metodología para la elaboración de estadísticas de incendios en viviendas de personas mayores en España.	Fernández-Vigil, M.; Echeverría Trueba, J. B.; Gil Rodríguez, B.	1/3	1/3	
Protected and Unprotected Cellular Wooden Slabs at Elevated Temperatures.	Costa, G.N.S; Fonseca, E. M. M.; Junior, L. J.	1/3	1/3	
Normativa de control y manejo de humos vs seguridad de las personas.	Charreau, G.; Corso, E.; Casella, V.; Cheheid, M.P.	1/3	1/3	
Protected and Unprotected W-W-W Connection at Elevated Temperatures	Aissa, A.; Fonseca, E. M. M.; Lamri, B.	1/3	1/3	
Diseño de correas de cubierta sometidas a fuego.	Arnedo Gaute, D.; Arnedo Pena, A.	1/3	1/3	
Método de cálculo para soportes de instalaciones frente a la acción del fuego en túneles.	Fernández Royo, G.; Arnedo Pena, A.	1/3	1/3	
Emissions and Health Effects of Haze from Peat Fires.	Hu, Y.; Fernandez-Anez, N.; Rein, G.	1/3	1/3	
Numerical Analyses of Pore Pressure Rise and Thermal Stress in Concrete Cylinders of Various Strengths during Fire exposure.	Terada, K.; Lee, J.; Yamazaki, M.; Harada, K.	1/3	1/3	
Effect of air flow on the spread of forward and opposed smouldering combustion in biomass	Fernandez-Anez, N.; Christensen, K; Rein, G.	1/3	1/3	
An Experimental study on the Influence of compressive strength and water content of concrete on the occurrence of explosive spalling.	Lee, J.; Harada, K.; Kwon, Y.	1/3	1/3	
A Roadmap of WUI Fires Research Requirements: A Canadian Perspective.	Bénichou, N.; Hunt, A.; Gwynne, S.	1/3	1/3	
Performance in Fire of FRP-Reinforced Concrete Systems.	Bénichou, N.; Sultan, M.; Hajiloo, H.; Green, M.F.	1/3	1/3	
Flame Spread Along Fences Near a Structure in a Wind Field.	Butler, K.M.; Johnsson, E.; Fernandez, M.; Zarzecki, M.; Auth, E.	1/3	1/3	
Modelling Human Behaviour in Escape and Evacuation	Mayer, G.; Pauli P.; Mühlberger A.	1/3	1/3	

Simulation.				
A Study on Thermal Sensitivity of Sprinkler Heads for Residential Buildings.	Szeto, D.F.; Fong, N.K.; Chow, W.K.	1/3	1/3	
Taking into account groups for evacuation analysis.	Cuesta, A.; Rodríguez, K.; Abreu, O.; Alvear, D.	1/3	1/3	
An Analytical Hydraulic Model for Clean Agent Discharge.	García García , F.J.	1/3	1/3	
Objective indices to evaluate Fire-fighter's Cardiorespiratory State Based on Frequency Analysis of Heart Rate.	Ito, Y.; Oka, Y.; Kuriyama, Y.	1/3	1/3	
Assessment of the predictive capabilities of different modelling tools to forecast fire effects in residential compartments.	Rengel, B.; Pastor, E.; Rios, O.; Mata, C.; Bartolomé, A.; Planas, E.	1/3	1/3	
Framework for an integrated simulation system for Wildland-Urban Interface fire evacuation.	Ronchi, E.; Rein, G.; Gwynne, S.; Intini, P.; Wadhvani, R.	1/3	1/3	
Strategies for fire-fighting under-ventilated Fires.	Majdalani, A.; Carvel, R.	1/3	1/3	
Plenary Session 1	Daniel Nilsson	1/3	1/3	
Plenary Session 2				
Travelling Fires for Structural Design	Guillermo Rein	1/3	1/3	
Fire Performance of a Full-Scale Loaded Cold-Formed Steel Framed Assembly in a Large Scale Furnace Test.	Kamath, P.; Meacham, B.J.; Matsuyama, K.	1/3	1/3	
Balanced Summation model for the calculation of the buckling resistance of partially encased columns under fire: New improvements.	Calió, L.; Piloto, P.; Rigobello, R	1/3	1/3	
Fire Performance of Composite Columns Made from High and Normal Strength Concrete: influence of thermal and mechanical parameters.	Fellouh, A.; Bougaral, A.; Piloto, P.A.G.	1/3	1/3	
The possible role of fire in the sinking of the Titanic - structural response of a steel bulkhead subjected to localised heating.	Rackauskaite, E.; Rein, G.	1/3	1/3	
Prediction model for compartment effects on burning upholstered furniture.	Wade, C.; Fleischmann, C.; Spearpoint, M.; Abu, A.	1/3	1/3	
Revisión del modelado y simulación para la predicción de explosiones en incendios de espacios confinados.	Cortés, D.; Azorín – López, J.; Gil, D.	1/3	1/3	
Reaction-to-Fire Behaviour of Partial Quantities of Timber Surface Linings in Compartments.	Baker, G.; Wade, C.; Frank, K.	1/3	1/3	
On the operation of longitudinal ventilation systems in tunnels.	López-de-Arriba-Escribano, A.; Peris-Sayol, G.; De-Kluijver-Benzaquén, F.	1/3	1/3	
Effects of boundary conditions variation on chemical reactions during STA measurements.	Lázaro, D.; Lázaro, M.; Alonso, A.; Alvear, D.	1/3	1/3	

* horas teóricas

* horas prácticas

(El número total de horas, desglosados en este cuadro, deberá coincidir con el número de horas establecido en el apartado “estructura del curso”, primera hoja de la propuesta).

MEMORIA ECONÓMICA

INGRESOS					
Nº DE MATRÍCULAS:	11	x IMPORTE:	339	TOTAL:	3.729,00 €
	26		283		7.358,00 €
	8		170		1.360,00 €
SUBVENCIÓN DE (con detalle del importe):				TOTAL:	12.447,00 €
TOTAL INGRESOS:					12.447,00 €

GASTOS	
21% UNIVERSIDAD:	
PERSONAL:	
Profesores de la Universidad de Cantabria	----- €
Profesores ajenos a la Universidad de Cantabria	----- €
Dirección	----- €
Dirección Académica o Coordinación	----- €
Tutores	----- €
Becarios Colaboradores	----- €
Secretaría	----- €
P.A.S.	----- €
MATERIAL FUNGIBLE:	6.700,00 €
MATERIAL INVENTARIABLE:	----- €
VIAJES Y DIETAS:	2.047,00 €
PROTOCOLO:	3.700,00 €
	TOTAL GASTOS (1):
	12.447,00 €

(1) Si existiera superávit, deberá especificarse la finalidad del mismo en el reverso de esta hoja.