

TIMETABLE

1			MONDAY 10 JUNE MORNING	
Venue	1	Dalhousie Building, Lecture Theatre 4 (2G11, left from Reception) / OPENING CEREMONY		
Chairperson	Michael McCarthy, UK			
10.00 – 10.15	Welcome to the University: Professor Jonathan Knappett, School of Science and Engineering, University of Dundee Wendy Alexander, Vice-Principal for Internationalisation, University of Dundee Welcome to the City: David Kingsmill, ICE representative, Dundee City Council			
10.15 – 10.20	Welcome to the Conference: Dr Ing. Hans-Joachim Feuerborn, Secretary General, European Coal Combustion Products Association, Essen, Germany			
Venue	1	Dalhousie Building, Lecture Theatre 4 (2G11) / OPENING PAPERS		
10.20 – 10.45	Global Aspects on Coal Combustion Products Feuerborn, H-J, Harris, D, Heidrich, C			
10.45 – 11.10	A Report on Beneficial Use of Coal Combustion Products in the United States Adams T, American Coal Ash Association			
11.10 – 11.35	Developments in CCP Management in Europe Skidmore I, Feuerborn H-J			
11.35 – 12.00	EXHIBITION and TEA/COFFEE in the foyer of Dalhousie Building			
Venue	1	Dalhousie Building, Lecture Theatre 4 (2G11) / STANDARDS AND REGULATIONS		
Chairperson	Nigel Cooke, UK			
12.00 – 12.20	Implementation of Basic Work Requirement 3 in Harmonized Product Standards: Update on CEN/TC 351 for Test Procedures and Status of Work in CEN/TC 104/WG4 for Implementation into EN 450-1 Wiens U, Feuerborn H-J, Sarabèr A			
12.20 – 12.40	Reporting and Verifying the Potential Release of Dangerous Substances from Concrete Containing Fly Ash Harrison T A			
12.40 – 13.00	Comparison of EN 450 and ASTM 618 Specifications and Testing Procedures for Fly Ash Used in Concrete Robl T, Oberlink A, Duvallet T, Jewell R, Ladwig K			
13.00 – 13.10	DISCUSSION			
13.10 – 14.00	EXHIBITION and LUNCH in the foyer of Dalhousie Building			

TIMETABLE

			MONDAY 10 JUNE AFTERNOON	
1, 2				
Venue	1	Dalhousie Building, Lecture Theatre 1 (3G02) / FLY ASH TECHNOLOGY		2 Dalhousie, Lecture Theatre 2 (3G05) / PORE STRUCTURE AND FOAMS
Chairperson	Tom Robl, USA			Espen Lund, Canada
14.00 – 14.20	Properties of High Temperature Fly Ashes After Application SNCR Technology from the Concrete Producer’s Point of View Hela R, Řařký M , Osuska L			Phase-Transition Conductometry to Study Pore Structure Evolution in Fly Ash Mortar Suryanto B , Kim J, McCarter W J
14.20 – 14.40	Ternary Binders with Fly Ash after Denitrification Bílek V, Bambuchová M , Bulíková L			A Novel Mechanically Robust Superhydrophobic Cement Foam Zheng Z, She W , Miao C
14.40 – 15.00	Fly Ash as Alumina Resource Marko M , Opravil T, Šoukal F, Pořízka J			Pore Structure and Properties of Aerogel-Cement Composites Lu J , Jiang J, Lu Z Y, Li J
15.00 – 15.20	Stockpile Beneficiation with Drying Facilities Fayola F, Danes, L			Use of Fly Ash in Production of Foam Glass Bat Erdene P-E , Pareek S, Danzandorj S, Sambuunyam S, Thombare R
15.20 – 15.30	DISCUSSION			
15.30 – 16.00	EXHIBITION and TEA/COFFEE in the foyer of Dalhousie Building			
Venue	1	Dalhousie Building, Lecture Theatre 1 (3G02) / GEOPOLYMERS		
Chairperson	Rod Jones, UK			
16.00 – 16.20	A Review on the Development of Fly Ash-Based Geopolymer Materials Using Romanian Local Raw Materials Lăzărescu A , Szilagyi H, Baeră C			
16.20 – 16.40	Lagoon Fly Ash: A Potential Source of the Precursor for Geopolymer Binders Kwasny J , McGrath T, Lawther, S, Correia R, Soutsos M, Sha W, Cox S, Chen J F			
16.40 – 17.00	Tailoring the Mechanical Properties of Landfilled Fly Ash Geopolymers by Grinding Ambrus M , Szabó R, Csóke B, Mucsi G			
17.00 – 17.20	Investigation of Pore Structure and Properties of Lightweight Geopolymer based on Swelled Na-Bentonite Yang Y , Jiang J, Lu Z, Li J			
17.20 – 17.30	DISCUSSION			
18.15 – 19.15	Lord Provost’s Reception, City Chambers, City Square, Dundee (Drinks and Canapées)			

TIMETABLE

	1		
			TUESDAY 11 JUNE MORNING
Venue	1	Dalhousie Building, Lecture Theatre 1 (3G02) / FUTURE SOURCING OF FLY ASH	
Chairperson	Ravindra Dhir, UK		
09.00 – 09.20	Outlook for Fly Ash Sourcing in the UK Cooke N		
09.20 – 09.40	Wet Stored Fly Ash: Processing for Use as an Addition in Concrete Hope T A, McCarthy M J , Csetenyi L J		
09.40 – 10.00	PFA Extraction from the Gale Common Landfill Site Ainscough H		
10.00 – 10.20	Cost-Effective, Environmentally-Friendly Ash Beneficiation Technology Sheikh V		
10.20 – 10.30	DISCUSSION		
10.30 – 11.00	EXHIBITION and TEA/COFFEE in the foyer of Dalhousie Building		
Chairperson	Ivan Skidmore, UK		
11.00 – 11.20	Fly Ash Reclamation and Beneficiation using a Triboelectric Belt Separator Baker L , Gupta A, Hrach F		
11.20 – 11.40	Ash Drying Considerations Coley S		
11.40 – 12.00	Radical Options For Non-Thermal Drying Every C		
12.00 – 12.20	2020 to 2070 and beyond: Transitioning from Production to Post-Production Coal Ash Use Lund E, Sifton J B , Arato C		
12.20 – 12.30	DISCUSSION		
12.30 – 13.30	EXHIBITION and LUNCH in the foyer of Dalhousie Building		

TIMETABLE

			TUESDAY 11 JUNE AFTERNOON	
	1, 2			
Venue	1	Dalhousie Building, Lecture Theatre 1 (3G02) / BIOMASS ASH		2 Dalhousie, Lecture Theatre 2 (3G05) / USE IN LIGHTWEIGHT AGGREGATES
Chairperson	Hans-Joachim Feuerborn, Germany			Ioanna Papayianni, Greece
13.30 – 13.50	Biomass Ash and Options for Utilization: A European Perspective Bech N, Sarabèr A, Feuerborn H-J			Optimizing the Dosage of LECA and Fly Ash on Lightweight Concrete to Study the Performance of Steel - Concrete Composite Slab Banu Priya R, Arul Mary S
13.50 – 14.10	Biocoal Fly Ash: Fly Ash from Biomass and Coal Properties and Regulatory Aspects Sarabèr A, Haanappel N			Study on Structural Grade Lightweight Concrete and Composite Concrete Structure Design Kalathingal A, Desai P, Shaikh M T A
14.10 – 14.30	Application of Biomass Ashes in Construction Materials van Dijen F			Resistance of Non-Cement Binder to Freezing and Thawing Cycles Šídlová M, Škvára F, Pulcová K, Peterová A, Šulc R, Snop R
14.30 – 14.50	Mobility of Arsenic, Chromium and Copper Arising from Soil Application of Stabilised Aggregates Made from Contaminated Wood Ash Mitchell K, Moreno-Jimenez E, Jones M R, Zheng L, Trakal L, Hough R, Beesley L			Study on Utilization of Fly Ash in Production of Lightweight Aggregate Sambuunyam S, Pareek S, Danzandorj S, Bat Erdene P-E, Thombare R
14.50 – 15.00	DISCUSSION			
15.00 – 15.30	EXHIBITION and TEA/COFFEE in the foyer of Dalhousie Building			
Venue	1	Dalhousie Building, Lecture Theatre 1 (3G02) / GROUND APPLICATIONS		2 Dalhousie Building, Lecture Theatre 2 (3G05) / NATIONAL CASE STUDIES
Chairperson	Nicolai Bech, Denmark			Amith Kalathingal, India
15.30 – 15.50	Performance of Dry and Moist Calcareous Fly Ash in Soil Stabilization Papayianni I, Anastasiou E, Papachristoforou M, Kaplanidis C, Bairaklili P			Use of Fly Ash in Concrete: Current Indian Scenario and a Case Study on High Volume Fly Ash Concrete (HVFAC) for Shear Wall Construction in India Kulkarni V R
15.50 – 16.10	Mechanical Properties of Calcareous Fly Ash Stabilized Soil Turan C, Javadi A, Vinai R, Cuisinier O, Russo G, Consoli N C			Can Czech Stockpiled Fly Ash be Used in the Production of Concrete? Peterová A, Škvára F, Šídlová M, Šulc R, Sokolová K, Snop R
16.10 – 16.30	Use of Fly Ash as a Proppant in Clean Fracking of Unconventional Oil and Gas Wells Robl T, Oberlink A, Jewell R, Duvallet T, Ring L, Cook R L			Hydraulic Road Binders with High Content of Fly ash – Czech Experience Kresta F
16.30 – 16.50	Use of Calcareous Fly Ash in Grouting Slurry Walls in Underground Works Papayianni I, Liapis A, Anastasiou E			India as an Emerging Fly Ash Sourcing Hub Dalal R
16.50 – 17.00	DISCUSSION			
18.00 – 22.30	Conference Dinner, Royal Research Ship DISCOVERY, Riverside Drive, Dundee			

TIMETABLE

		1	
			WEDNESDAY 12 JUNE MORNING
Venue	1	Dalhousie Building, Lecture Theatre 1 (3G02) / SPECIALIST APPLICATIONS	
Chairperson	Moray Newlands, UK		
09.00 – 09.20	Assessment of Durability of Alkali Activated Mortars Papayianni I, Konopisi S, Kesikidou F		
09.20 – 09.40	Effect of Cracks on Alkalinity Level of Concrete Structures Exposed to Carbon Dioxide Environmental Conditions Al-Ameeri A , Rafiq M I, Tsioulou O		
09.40 – 10.00	Designing Durable Concrete for Constructability of the World's Tallest Statue Kandasami S , Kannan L S, Umamaheshwaran V		
10.00 – 10.20	Requirements for Cement Powders, Ash and Alternative Encapsulants in the Nuclear Industry Taylor F		
10.20 – 10.30	DISCUSSION		
10.30 – 11.00	EXHIBITION and TEA/COFFEE in the foyer of Dalhousie Building		
Chairperson	Sivakumar Kandasami, India		
11.00 – 11.20	Combined Effect of Polymeric Fibres and Superabsorbent Polymers (SAPs) on the Autogenous Shrinkage and Mechanical Properties of Fly Ash Cementitious Mortars Rostami R , Klemm A J		
11.20 – 11.40	Utilization of Coal Combustion Products as a Ternary Binder in Shotcrete Šmilauer V , Sovják R, Pešková Š, Šulc R, Škvára F, Šídlová M, Snop R, Růžička P		
11.40 – 12.00	Examination of Particle Packing in Ternary Blends of Portland Cement, Fly Ash and Silica Fume Dyer T D , Csetenyi L J, Scobbie K		
12.00 – 12.20	Influence of Heat and Chemical Activation on Strength and Durability of High Strength High Volume Fly Ash Concrete Nwaubani S , Hlabangana M		
12.20 – 12.30	DISCUSSION		
12.30 – 14.00	LUNCH and Close of Conference		