

International Conference on Sustainable, Environmentally Friendly Construction Materials

May 24, 2018 – May 25, 2018 – Szczecin, Poland

Detailed Program

Thursday – May 24, 2018		
14:30		Meeting (Campanile Hotel)
15:00	16:00	Registration and integration meeting (Boat Trip)
18:30	21:00	Welcome Reception in Villa Westende - Maciej Płotkowiak: <i>Urban development of Szczecin - from the Slavonic stronghold till XIXc.-prussian fortress</i> - Reception dinner

Friday – May 25, 2018		
09:00	09:15	Welcome and Introductions
09:15	09:30	Sang-Yeop Chung: Development of advanced insulating materials for innovative and sustainable structures (outcome of KONNECT project)
09:30	09:50	Krystyna Araszkiewicz: Impact of material solutions on the durability of the hydrotechnical engineering facilities
09:50	10:05	Tong-Seok Han: Application of lineal-path function: correlation of microstructure characteristics with material properties
10:05	10:20	Elisabeth John: Properties of calcium silicate hydrates with varying stoichiometry
10:20	10:35	Piotr Brzozowski: The effects of fluidal fly ash on properties of underwater concrete
10:35	10:50	Tamino Hirsch: Vicat and ultrasonic velocity measurements on sulfate source varied Portland cements for 3D printing
10:50	11:10	Coffee break
11:10	11:25	Da-Hye Kim: Evaluation of extraction method for various chemicals in lightweight concrete
11:25	11:40	Feras Tajra: An experimental study of using core-shell structured lightweight aggregate in producing lightweight concrete
11:40	11:55	Se-Yun Kim: Construction of virtual ITZ specimens using extended stochastic optimization and property evaluation
11:55	12:10	Katarzyna Skoczylas: The impact of nanosilica and waste glass cullet on selected physico-mechanical parameters in cement mortars
12:10	12:25	Ji-Su Kim: Prediction of probabilistic distribution of material properties using first-order second moment method
12:25	13:45	LUNCH
13:45	14:00	Rafia Firdous: Properties of geopolymers based on volcanic ashes
14:00	14:15	Dan Wang: Photocatalytic properties and chemically bonding of cementitious materials coated with SiO ₂ @TiO ₂ core-shell composites
14:15	14:30	Ji-Su Kim: An experimental study on cement paste and mortar with marl clay as a substitute of cement
14:45	15:00	Jayoung Park: The new nano physico-chemistry laboratory for chemical regulations
15:00	15:10	Closing Ceremony