



**Concrete  
Roads 2023**  
Krakow



# 14<sup>th</sup> International Symposium on Concrete Roads 2023, Krakow, Poland

## Programme

**Tuesday 27 June 2023**



**"KRAKOW II" CONFERENCE HALL**

**SESSION 4A THEME 6: MATERIAL AND PAVEMENT DESIGN**

**09:00 - 11:00** Chairperson: Bryan Perrie

PAPER TITLE	SPEAKER/AUTHOR	AUTHORS	COUNTRY
Modern technologies for maintaining concrete surfaces + live streaming of outdoor demonstration by BATARUS/KORODUR	Mariusz Kusiołek		Poland
Early Age Jointed Concrete Pavement Behavior: A Case to Enhance Consideration of the Effect of Curing of Pavement Performance	Dan Zollinger		USA
Simplified structure for continuously reinforced concrete pavement Deflection predictions	Lucio Salles	Lev Khazanovich	USA
Increasing The Strength of Pervious Concrete: Effect Of Coarse Aggregate Size, Type And Geometry	Nicolai Klein	Thomas Kränkel	Germany
<b>THEME 7: HIGHWAYS</b>			
Composite Pavement a The Access To The Marratxí Industrial Polygon From The Ma-13 Highway	Rafael Rueda	-	Spain
Ten years of Production of Road Concrete Mixes on Expressways and Highways in Poland	Przemysław Jelonkiewicz	Przemysław Jelonkiewicz Maciej Foder Paweł Mofina Piotr Górak	Poland

**“LONDON” CONFERENCE HALL**

**SESSION 4B THEME 8: HIGH AXLE-LOAD ROADS**

**09:00 - 11:00** Chairperson: Anna-Carin Brink

PAPER TITLE	SPEAKER/AUTHOR	AUTHORS	COUNTRY
Design of Roller Compacted Concrete pavement for stacked containers: Phase 1 - Analysis of critical load arrangements	Sengun E.	Kim S., Ceylan H., Abdo F., Zollinger C.	USA
Thermo-mecanical study for rational design of rigid airfield pavement	Pierre Quélen	Michaël Broutin, Jean-Marie Roussel, Lucy Travailleur	France
Sustainable port pavements: use less for longer thanks to the use of metallic fibres	Chiara Minoretti	Steven Pouillon, K. Aktas	Belgium

**THEME 9: URBAN APPLICATIONS**

Development of a permeable removable urban pavement	Thierry Sedran	Eric Genesseeux, Mail-Lan Nguyen, Julien Waligora, Dominique Guyot, Julien Le Mouel	France
Urban flooding and sponge city concept: potential use of pervious pavement with examples in France	Adam Rudy	Duc Tung Dao; Isabelle Dubois-Brugger; Eugen Florescu; P. Girault	France
CRCP for rural and urban applications	Luc Rens	Anne Beeldens	Belgium

**“PARIS” CONFERENCE HALL**

**SESSION 4C SPECIAL SESSION 1: BASE LAYERS**

**09:00 - 11:00** Chairperson: Ulrich Nolting

PAPER TITLE	SPEAKER/AUTHOR	AUTHORS	COUNTRY
Excavatable And Permeable Cement Sub-Base For Removable Urban Pavement	Eric Genesseeux	Thierry Sedran, Julien Waligora	France
Development of a mechanistic-empirical design method for slab pavements with cement-bound joints and foundation on a hydraulically-bound base layer	Lukas Eberhardsteiner	Silvio Roth	Austria
Hydraulically bound base layer for concrete block pavement constructed by mixing in-place. Experiences with design, building, and verification.	Zsolt Boros	Jozef Komačka	Slovakia

**SPECIAL SESSION 2: CONCRETE BLOCK PAVING**

Belgian code of good practice for pavements with large precast concrete flags and slabs	Elia Boonen	Anne Beeldens, Luc Rens	Belgium
Permeable pavements made of precast concrete paving products: tools against climate change to ensure sustainability	Thibaut Le Doeuff	Sophie Jacob	France
White slags as shrinkage-compensated filler material for vertical joints in pavements of precast concrete pavers	Andrea Monserrat	Nikola Tomic, Alejandro Nogales, Antonio Aguado,	Spain

**11:45**

Leaving from the hotel Doubletree by Hilton Krakow for technical visits + lunch box

Technical excursion

1. **Technical tour 1** – Local concrete roads and bicycle paths in Skawina and concrete sections in tunnels on S52 in Krakow

2. **Technical tour 2** – Section of the concrete A1 Pyrzowice-Czestochowa motorway under construction

Dress code: please wear sports/trekking shoes, hardhats and reflective vests are provided by the organizer.

**18:00**

Latest return to the hotel Doubletree by Hilton Krakow

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IZOLACJE  
IZOLACJE DROGOWE

KONFERENCJE SPECJALISTYCZNE  
nauka - praktyka - biznes

MOSTY

Nowoczesne  
Budownictwo  
Inżynieryjne

Organizers

