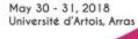
International RILEM Workshop on Rheological Measurements of Cement-based Materials













PROGRAM OVERVIEW

WEDNESDAY, 30 May 2018

17:00 Venue: University of Artois, Arras, UFR Langues Etrangères, Hall

20:00 Gala dinner:

Restaurant Le Pré Fleuri

38 Route de Lens

62223 Saint Catherine Les Arras

A bus will be ensured between the University of Artois and the restaurant and Participants of the Round Robin Test will arrive directly by bus at the Restaurant

THURSDAY, 31 May 2018 - International Workshop

8:30 - 9:00 Venue: University of Artois, UFR Langues Etrangères

Auditorium 'Verlaine'

9:00 - 9:30 **Opening ceremony**

Welcome speech : Chair Persons: Pr. C. Djelal – Pr. Y. Vanhove

Opening Speech: Pr. P. Mammone, President of the University of Artois

Pr. M. Sonebi, Board Chairman of the RILEM Committee 266-MRP,

Queen's University of Belfast

Keynote reports

09:30-10:00 Influencing Factors and Models to Predict Form Pressure Exerted by SCC

K.H. Khayat

10:00-10:30 DFG Priority Program SPP 2005 OPUS FLUIDUM FUTURUM – Rheology of reactive,

multiscale, multiphase construction materials

V. Mechtcherine

10:30-10:50 Tea/Coffee Break

























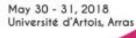
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SESSION ONE

Challenges and recommendations on measuring rheological properties of cement-based materials
University of Artois, UFR Langues Etrangères, Auditorium Verlaine
Chair: F. Fabbris & D. Feys

10:50-11:20	Evaluation of mortar mixing procedures using squeeze flow test F. Cardoso
11:20-11:50	Characterization of rheological properties of SCC with loss of workability – Approach with two rheometers : ICAR and RheoCAD E. Agnaou
11:50-12:20	Rheological measurement on concrete: constitutive models, industrial applications, building techniques issues F. Fabbris
12:20-13:30	Lunch (EGASS building, Room S3)
13:30-14:00	Segregation of cement grouts during their rheological measurements B.T. Pham
14:00-14:30	Image processing of shear flow in a vane rheometer for clay mineral suspensions A. Pierre
14:30-15:00	Assessment of the sedimentation stability of fresh concrete J. Neumann
15:00:15:30	Rheometry of Cement-based materials J. Sabathier
15:30-15:50	Tea/Coffee breack
15:50-16:20	The Effect of Shear Rate on Rheological Properties of Cement Paste D. Feys
16:20-16:30	Closing ceremony C. Djelal and Y. Vanhove

























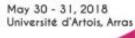
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SESSION TWO

New tools and procedures to measure rheological properties University of Artois, UFR Langues Etrangères, Room LV3 Chair: Pr. K.H. Khayat & S. Darson

10:50-11:20	FlowCyl: one-parameter cement paste rheology test developed at NTNU
	R. Cepuritis
11:20-11:50	eFlow - A Pocket Concrete Rheometer
11.50 12.20	F. Toussaint District fold righting of concents within time to define the absolute 2D printing
11:50-12:20	Digital fabrication of concrete : it is time to define the rheology 3D printing M. Sonebi
12:20-13:30	Lunch (EGASS building, Room S3)
13:30-14:00	New tests for Tremie Concrete: EFFC/DFI/FNTP works
	S. Darson
14:00-14:30	Use of computational software to determine rheological properties of high resistance
	Portland cement pastes
	L. Agostinho

	Application on rheological properties in practical situations University of Artois, UFR Langues Etrangères, Room LV1 Chairs: Pr. V. Mechtcherine
10:50-11:20	A rheological study of mortars based on geopolymer binder : effect of the formulation parameter
	E. Ghorbel
11:20-11:50	Rheological behavior of concrete foundation during Pile-driving operations
	Y. Vanhove
11:50-12:20	Rheological characterization of Pre-packaged grouts for posttensioning applications
	K. Mohan Manu

SESSION THREE

























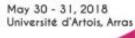
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SESSION FOUR

Measurement and application of non-conventional rheological properties University of Artois, UFR Langues Etrangères, Room LV1

Chairs: T. Proske

13:30-14:00	Recommendations on the formulation of concrete foundation for the diaphragm walls – Application to building site of grand Paris
	A. Azzi
14:00-14:30	Shear Behavior of Fresh Concrete under variable Pressure – Development of a specific
	Testing Device
	T. Proske
14:30-15:00	A new material tester - The concrete tribometer
	M. Fajfrowski
15:00-15:30	Emulsions effects on the friction on the formwork/concrete interface
	L. Libessart

POSTER SESSION

University of Artois, EGASS building, Room S3

RILEM Committee MRP-266 Room LV1 17:00-18:30 Pr. M. Sonebi & D. Feys























