



Workshop on

Fractional Fractional Models in Science & Engineering (FMSE18) Theory and Computation

Monday, December 10, 2018
KFUPM Conference Room (Building # 20)

Program			
Sessions	Time	Speaker	Title
Morning	8:45 - 9:00	Opening remarks	
	9:00 - 9:40	Tenreiro Machado	Fractional Calculus: The Perspective of Complex Systems
	9:50 - 10:15	Break	
	10:15-10:55	Salman Malik	Inverse Problems for Some Space-Time Fractional Differential Equations
	11:05-11:45	Roberto Garrappa	On Special Fractional Operators in Computational Electromagnetism: Theory and Numerical Methods.
Lunch break			
Afternoon	1:30-2:10	Ozgun Kirlangic	Fracture modeling in the current reservoir simulation applications and potential for fractional models
	2:20 - 3:00	Abdul Khaliq	A split-step predictor-corrector method for space-fractional reaction-diffusion equations with Nonhomogeneous boundary conditions.
	3:10 - 3:20	Closing remarks	
	4:30-6:30	Social Dinner at Al-Khobar (by invitation)	



Tenreiro Machado
University of Porto,
Portugal.



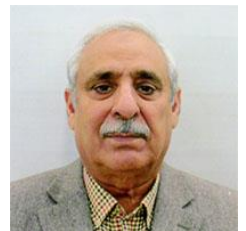
Salman Malik
COMSATS University,
Pakistan.



Roberto Garrappa
University of Bari,
Italy.



Ozgun Kirlangic
ARC, Saudi Aramco,
Saudi Arabia.



Abdul Khaliq
Middle Tennessee State
University,
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