

THE 4TH SEMINAR AND WORKSHOP ON NUMERICAL ANALYSIS
3 – 4 APRIL 2018
AL-FARABI SEMINAR ROOM & ULUGH BEG COMPUTER LABORATORY
INSTITUTE FOR MATHEMATICAL RESEARCH (INSPEM), UPM

TENTATIVE PROGRAMME

Date	Time	Event
3 April 2018 (Tuesday)	0800 – 0845	Registration
	0845 – 0900	Opening Ceremony
	0900 – 1000	Seminar 1: Prof. Dr. Mohammad Mehdi Rashidi Application of Lattice Boltzmann Method for Solving Mathematical and Engineering Problems
	1000 – 1030	Photography session & Tea Break
	1030 – 1120	Seminar 2: Prof. Dr. Mohamed Othman Frame Aggregation Mechanisms in IEEE 802.11 WLAN: Solutions and Opportunities
	1120 – 1210	Seminar 3: Dr. Reza Mahmoodian Modified Smoothed Particle Hydrodynamics (MSPH) and Analytical Technique to Model and Analyze the Deposition and Infiltration Mechanism under Centrifugal Acceleration
	1210 – 1300	Seminar 4: Dr. Seyedali Ahmadian Hosseini An Introduction to Fuzzy Sets Theory
	1300 - 1430	Lunch Break
	1430 – 1520	Seminar 5: Dr. Faranak Rabiei General Linear Method for Solving Various Types of Differential Equations
	1520 – 1620	Workshop 1: Prof. Dr. Mohammad Mehdi Rashidi Introduction to Analytical Method for Solving Nonlinear Problems
	1620	Tea Break
4 April 2018 (Wednesday)	0900 – 1000	Workshop 2: Prof. Dr. Bachok M Taib The Making of NSolver: An App for Teaching & Learning Numerical Methods I
	1000 – 1030	Tea Break
	1030 – 1130	Workshop 3: Prof. Dr. Bachok M Taib The Making of NSolver: An App for Teaching & Learning Numerical Methods II
	1130 – 1230	Workshop 4: Prof. Dr. Bachok M Taib The Making of NSolver: An App for Teaching & Learning Numerical Methods III
	1230 – 1430	Lunch Break
	1430 – 1510	Seminar 6: Prof. Dr. Fudziah Ismail Extra Derivative Multistep Methods with Trigonometrically-Fitting for Solving Oscillatory Problems
	1510 – 1610	Workshop 5: Dr. Seyedali Ahmadian Hosseini Runge-Kutta Methods for Solving Fuzzy Differential Equations
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