

# NMMP-2017

## 4<sup>th</sup> INTERNATIONAL WORKSHOP ON NONLINEAR AND MODERN MATHEMATICAL PHYSICS

4 - 8 May 2017  
Putrajaya, MALAYSIA

### Scopes

- Ordinary differential equations
- Partial differential equations
- Continuous and discrete integrable equations
- Algebraic and geometric methods of integrable equations
- New type of solutions in integrable equations
- Soliton theory
- Variational theories and Hamiltonian systems
- Symmetries and separation of variables
- Hirota direct method
- Painlevé analysis
- Bäcklund and Darboux transformations
- Quantum integrable systems
- Solitary wave interactions and collisions
- Stability theory of solitary waves
- Wave phenomena in the atmosphere and the ocean
- Numerical simulations of nonlinear wave problems

### Jointly organized



### Conference Fees

	Category	Fee
Professional	International	USD450
	Local	RM1500
Student	International	USD400
	Local	RM1200
Additional Paper	International	USD100
	Local	RM300

### Invited Speakers

Prof. Stephen Anco, Brock University, Canada  
 Prof. Mustafa Bayram, Yildiz Technical University, Turkey  
 Prof. Yong Chen, East China Normal University, China  
 Prof. Maria Luz Gandarias, University of Cadiz, Spain  
 Prof. M. S. Ismail, King Abdulaziz University, Saudi Arabia  
 Prof. Chaudry Masood Khalique, North-West University, South Africa  
 Prof. S. T. Mohyud-Din, Heavy Industries Taxila Education City University, Pakistan  
 Prof. Adem Kilicman, Universiti Putra Malaysia, Malaysia  
 Prof. Stephane Lafortune, College of Charleston, USA  
 Prof. Jibin Li, Zhejiang Normal University, China  
 Prof. Senyue Lou, Ningbo University, China  
 Prof. Wen-Xiu Ma, University of South Florida, USA  
 Prof. Sunil Maharaj, University of KwaZulu Natal, South Africa  
 Prof. Fazal M Mahomed, University of the Witswatersrand, South Africa  
 Prof. Asli Pekcan, Hacettepe University, Turkey  
 Prof. Sarah Post, University of Hawai'i at Mānoa, USA  
 Prof. Emma Previato, Boston University, USA  
 Prof. Barbara Prinari, University of Colorado, USA  
 Prof. Su-ping Qian, Changshu Institute of Technology, China  
 Prof. Shoufeng Shen, Zhejiang Institute of Technology, China  
 Prof. Yi Zhang, Zhejiang Normal University, China  
 Prof. Zuonong Zhu, Shanghai Jiaotong University, China

For more information and registration, please visit  
<http://einspem.upm.edu.my/nmmp2017>