



**1st ASRES International conference on Modeling, Analysis and Optimization
(MAO - 2018), Amsterdam, Netherlands
9 -11 July, 2018**



Organizers
**Asian Society for Research in Engineering Sciences (ASRES),
SPJ Centre for Multi-disciplinary Research (SCMR)**

Conference Programme

Day 1: 9 July, 2018

Registration: 0900 – 0930 Hours

Opening the conference: 0930 – 0945 Hours

Session I: Modeling – Management Applications

Venue: Meeting Room 7

Session Chair: Dr. Vishwanath Lele, National Institute of Construction Management and Research, India

Time (Hours)	Paper No.	Paper details
0945 - 1000	ABM06	<i>Effects of project changes in construction projects; an effort of empirical investigation</i> Rashid Maqbool, Beijing Jiaotong University, Beijing, China
1000 - 1015	ABM18	<i>Perceptual outlook towards effectiveness of Performance Management Systems in medium sector enterprises of the Indian Construction sector</i> Dr. Vishwanath Lele, National Institute of Construction Management and Research, India
1015 - 1030	ABM22	<i>A cross cultural perspective on Chinese dish names in Thailand</i> Watcharapon sirisuwilai, Khon Kaen University, Thailand
1030 - 1045	ABM02	<i>The role of Eritrean nationalism in nation's building and development</i> Tekle Tsegay Gebreyesus, College of Arts and Social Sciences, Eritrea

Session II: Modeling – Management Applications

Venue: Meeting Room 8

Session Chair: Dr. Hafiz Ghufuran Ali Khan, International Islamic University, Islamabad, Pakistan

Time (Hours)	Paper No.	Paper details
0945 - 1000	ABM05	<i>Relationship of Corporate Social Responsibility and a Firm's Financial Performance with Job Performance as a Mediator</i> Dr. Hafiz Ghufuran Ali Khan, International Islamic University, Islamabad, Pakistan
1000 - 1015	ABM08	<i>Advancing sustainable development through Christian ethical implication of fund management in Lagos Nigeria</i> Dr. Mrs Ayodele Omojuwa, University Of Lagos, Nigeria
1015 - 1030	ABM13	<i>The Effect of Providing training to Employee's Performance improvement : a case study of Gen Y Employee in Jakarta, Indonesia</i> Ryan Saputra Ala, University of Indonesia
1030 - 1045	ABM19	<i>Regulatory reform of the electricity distribution in Iran: What is the effect of deregulation on efficiency of the system?</i> Seyed Jafar Sadjadi, Islamic Azad University, Tehran, Iran & Mahdis Kanani National Iranian Petrochemical Company, Tehran, Iran

1045 -1105		Coffee Break
------------	--	--------------

Session III: Modeling – Engineering Applications

Venue: Meeting Room 7

Session Chair: Dr. Andreas Nauerz, Mannheim University of Applied Sciences, Germany

Time (Hours)	Paper No.	Paper details
1105 - 1120	ACE01	<i>Simultaneous Optimal Identification of Unknown Groundwater Pollution Source Fluxes and Source Activity Initiation Time</i> Om Prakash, IIT Patna, India & Bithin Datta, James Cook University, Australia
1120 - 1135	ACSE02	<i>Forecasting hourly energy profiles in residential clustered customers</i> Andrea Veiga Santiago, Eduardo Martin Sobrino, Alicia Mateo González; Endesa Energía, S.A.U. , Madrid, Spain
1135 - 1150	AME02	<i>Active Control of Helicopter Ground Resonance with Lead-Lag Actuators</i> Ilkay Kurt, Yildiz Technical University, Istanbul, Turkey
1150 - 1205	AME10	<i>Constrained Optimization by Sub-region based Best Surrogate Models</i> Shailesh S. Kadre and Vipin K. Tripathi, College of Engineering, Pune, India

Session IV: Modeling – Engineering Applications

Venue: Meeting Room 8

Session Chair: Majid Ezati Mosleh, Power Research Institute, Tehran, Iran

Time (Hours)	Paper No.	Paper details
1105 - 1120	AME05	<i>Modelling of the cone-type rotary piercing process and analysis of the seamless tube longitudinal shear strain using industrial data</i> Alberto Murillo-Marrodán, Eduardo García and Fernando Cortés; University of Deusto, Bilbao, Spain
1120 - 1135	AME08	<i>Design analysis and performance evaluation of double sided rack and pinion manufactured by FDM process</i> Paresh V. Gaikwad, S.N.Khan; JSPM's RSCOE, Tathwade, Pune
1135 - 1150	AEE01	<i>Sensitivity analysis of effective parameters in product of Stray capacitance of magneto cumulative generator with integrated circular cross-section turns with insulating coating</i> Majid Ezati Mosleh, Power Research Institute, Tehran, Iran
1150 - 1205	AME19	<i>Design and analysis of Atomic Force Microscope Cantilever Probes with Variations</i> Omkar Kulkarni, Dr. G. M. Kakandikar, Shailaja Mohite; MAEER's, MIT, India

1205 -1300	Keynote Speech	<i>Analytical fatigue assessment based on a slam test simulation</i> Prof. Dr.-Ing. Andreas Nauerz, Mannheim University of Applied Sciences, Germany
	Venue	<i>Meeting Room 7</i>

1300 -1400		Lunch and Networking
------------	--	-----------------------------

Session V: Analysis and Optimization – Engineering Applications**Venue: Meeting Room 8****Session Chair:** Prof. E.H. Chimowitz; University of Rochester, Rochester, NY, United States

Time (Hours)	Paper No.	Paper details
1400 - 1415	AME01	<i>Monte Carlo method for optimizing energy distribution networks</i> Guangran Zhang, E.H. Chimowitz; University of Rochester, Rochester, NY, United States
1415- 1430	AME03	<i>Investigating Effect of Ply Angle Increment Value on Weight of Composite Laminate</i> N.S. Kulkarni, V.K.Tripathi; College of engineering, Pune, India
1430 - 1445	ACSE01	<i>A Comparative Study of on-premise and cloud-based Big Data Analytics with an Example on the Automatic Prediction of Breast Cancer Survivability</i> Shahd Seddik, University of Science and Technology, Zewail City; Doaa Shawky, Cairo University; Ahmed Seddik, Nahda University, Egypt
1445 - 1500	AME07	<i>Experimental evaluation of natural frequency of human femur bone</i> Balaji. D. Kshirsagar, Dr. Subim N. Khan; Shri JTT University, India

1500 -1545	Keynote Speech	<i>A study of Indian stock market factors in current scenario</i> Dr. Des Raj Bajwa, Professor, Government Post-Graduate College, Ambala, India
	Venue	<i>Meeting Room 7</i>

1545 -1605		Coffee Break
------------	--	---------------------

Session VI: Analysis and Optimization – Multi-objective Optimization Applications**Venue: Meeting Room 7****Session Chair:** Dr. Jawad Talaq, University of Bahrain, Bahrain

Time (Hours)	Paper No.	Paper details
1605 – 1620	AEE02	<i>A Multi-objective Genetic Algorithm with Diversity Enhancement for Emissions/Economic Power Dispatch</i> Dr. Jawad Talaq, University of Bahrain, Bahrain
1620- 1635	AME11	<i>Modeling and optimization of crankshaft and camshaft of an I. C. Engine</i> Suraj S. Tiwari, Government College of Engineering, Chandrapur V. K. Tripathi, College of Engineering, Pune S. D. Londhe, , Government College of Engineering, Amaravati
1635 – 1650	AME16	<i>Multi-Objective Optimization of Thickness Distribution in Automotive Sealing Cover</i> Kakandikar Ganesh, Maharashtra Institute of Technology, Pune, India & Nandedkar Vilas, SGGS Institute of Engineering & Technology, Nanded. India
1650 - 1705	ABM09	<i>Extremism fomenting by Islamic factions in Pakistan: An analytical and statistical survey</i> Ghulam Sarwar, Government Jinnah Islamia College, Sialkot, Pakistan

1705 -1750	Keynote Speech	<i>Application of Vibro-Acoustics</i> L. Gelman, Cranfield University, Cranfield, UK
	Venue	<i>Meeting Room 8</i>

Day 2: 10 July, 2018

Session VII: Analysis and Optimization – Multidisciplinary Optimization Applications

Venue: Meeting Room 7

Session Chair: Dr. V. B. Patil, Dr D Y Patil Institute of Engineering Management and Research Akurdi, Pune, India

Time (Hours)	Paper No.	Paper details
1100 - 1115	ACSE03	<i>A data set sorting method for advanced analytics in manufacturing companies</i> Salcedo-Hernández Javier, García-Barruetabeña Jon, Pastor-López, Iker; University of Deusto, Av.Universidades, Bilbao
1115 - 1130	AME06	<i>Growth and structural, optical, electrical properties of spray deposited Zinc Oxide thin films</i> Dr. V. B. Patil, Mr. Shreyas Gawande, Mr. Sharad Patil, Dr. A. V. Patil; Dr D Y Patil Institute of Engineering Management and Research Akurdi, Pune, India
1130 - 1145	AME09	<i>Biomechanics of knee joint</i> Ruta Shrikant Sonar, Dr. S. N. Khan, RSCOE, Pune, India
1145 - 1200	AME14	<i>Fault diagnosis of anti friction ball bearing by wavelet transform</i> Basavraj S Kothavale, Ganesh D. Shrigandhi; MIT College of Engineering, Pune

Session VIII: Analysis and Optimization – Multidisciplinary Optimization Applications

Venue: Meeting Room 7

Session Chair: Dr. S. N. Khan, RSCOE, Pune, India

Time (Hours)	Paper No.	Paper details
1200 - 1215	AME12	<i>Modal Analysis of Exhaust System and Validation with Physical Test</i> Vijay Ashok Patil, Dr. S. N. Khan, Shrikant Rangire; RSCOE, Pune & Tenneco Automotive Ind Pvt Ltd Pune
1215 - 1230	AME15	<i>Use of Surrogate modeling in optimization design problem</i> Amey Koparde, College of Engineering, Pune, India
1230 - 1245	AME18	<i>Experimental modelling & optimization of auto-control variable stroke piston pump for application in Automatic Lubrication System (ALS)</i> Bhagyashri Mahadev Shende, Prof. Vikram S. Mahajan; RSCOE, Pune, India
1245 - 1300	AME20	<i>Topological optimization of wheel hub of ATV</i> Onkar Sarjerao, Aniket Borkar, Dipak Chavhan, Omprakash Raut, V. K. Tripathi; College of Engineering, Pune, Maharashtra, India

1300 -1400		Penal Discussion and Lunch
------------	--	-----------------------------------

Session IX: Analysis and Optimization – Multidisciplinary Optimization Applications

Venue: Meeting Room 7

Session Chair: Dr. S. N. Khan, RSCOE, Pune, India

Time (Hours)	Paper No.	Paper details
1400 - 1415	AME21	<i>Structural Optimization of Weighing Machine Casing</i> Sumit Raghunath Salunkhe, Amey Deepak Joshi, P. N. Jumle; College of Engineering, Pune & Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded
1415 - 1430	AME22	<i>Optimum parameter selection and prediction the performance of masonry solar still using Taguchi's fraction factorial experimental technique</i> Satej Sudhakar Kelkar and Pradeep Patil; Rajarshi Shahu College of Engineering, SavitribaiPhule Pune University, Pune, India
1430 - 1445	AME23	<i>Analysis of finite element of truck chassis frame</i> Ritesh A. Kirdak, Dr. S.N. Khan; Rajarshi Shahu College of Engineering, SavitribaiPhule Pune University, Pune, India

Day 3: 11 July, 2018

**Technical tour of Universities and Industries
(To be arranged by participants on their own)**

Conference Concludes

The sessions may be postponed due to last minute rearrangements, if needed. Hence, the participants are requested to be present on the first day of the conference for checking the updates at registration desk of the conference.