



10th Ansys User Conference by Fluid Codes



Thursday, October 19, 2023

[The Meydan Hotel, Dubai, UAE](#)

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Agenda: 10th Ansys User Conference by Fluid Codes, 2023

Time	Topics	Presenter
08:00 – 9:00	Registration	
9:00 – 9:20	Opening & Welcome: Fluid Codes Ansys Elite Channel Partner in the Middle East	Hichem Ben Cheikh , Regional Sales Director, Ansys Ajay Parihar , Technical Director, Fluid Codes
9:20 – 9:45	Ansys Rheological Simulation in Polymer Manufacturing Processes	Sara Al Melhi , Researcher, Modelling & Simulation, Borouge
9:45 – 10:10	Computational approaches towards the prediction of critical behaviors of difficult-to-print materials in additive manufacturing	Giuseppe DelGuercio , Researcher - Additive Manufacturing, AMRC - Technology Innovation Institute
10:10 – 10:35	The Use of Ansys Tools in Mission Design, and the Development of Analysis Tools for Near Earth, and Deep Space Missions	Omar AbdelRahman Hussain , Senior Engineer - Missions Design Section, Mohammed Bin Rashid Space Centre
10:35 – 11:00	Coffee Break & Networking	
11:00 – 11:25	Use of Ansys Aqwa in Designing Supporting Structure of a Floating Solar assembly	Dr. Ratnesh Khandelwal , Lead Scientist, SABIC
11:25 – 11:50	Delivering climatized outdoor retail experience in the Gulf using CFD simulations	Adnan Akhdar , Technical Lead – CFD, Dar Al-Handasah Consultants
11:50 – 12:15	Increasing Engineering Efficiency and Product Quality with Reduced Material Costs using Ansys Material Intelligence Solutions	Fransis Van Ravenswaay , Chief Engineer, Halcon Systems
12:15 – 12:35	Digital Transformation Enabled by Digital Mission Engineering	Roberto Gemma , Manager - Europe, Ansys Government Initiatives
12:35 – 13:35	Lunch Break	
13:35 – 14:00	MBSE and MDAO integration in Digital Engineering workflow	Pavel Bruk , Manager - Systems & Safety, Ansys
14:00 – 14:25	Application of Finite Element Analyses (by ANSYS) in Process (Static) Equipment & Packages	Sasikumar Andavar , Senior Manager, Petrofac

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14:25 – 15:40	<u>Panel discussion:</u> The Role of Digital Transformation in Achieving National R&D Strategy	<u>Panelists:</u> Dr. Chaouki Kasmi , Chief Research Officer - DERC, Technology Innovation Institute Dr. Abbass Karim , General Manager, Fluid Codes Dr. Rooh Ul Amin Khurram , Chief Scientist, KAUST Dr. Lanre Oshinowo , Research Science Consultant - R&DC, Saudi Aramco Dr. Jasem Al Ali , R&D and Systems Development Strategist <u>Host:</u> Ajay Parihar, Technical Director, Fluid Codes
15:40 – 16:05	Coffee Break & Networking	
16:05 – 16:20	Enhancing Marx Generator Reliability: A Comprehensive Analysis with ANSYS Maxwell	Umar Hashmi , Pulsed Power Engineer, DERC – Technology Innovation Institute
16:20 – 16:40	Discrete Phase Model and its Applications : Evaporative cooling and a spray systems as cases studies	Dr. Essam M. Abo-Zahhad , Postdoctoral Research Associate, Research Institute of Sciences and Engineering (RISE), University of Sharjah
16:40 – 17:00	The Ansys Academic Program: Empowering Tomorrow's Engineering Workforce	Luca Masi , Director, Academic Program – Europe, Middle East, Africa, Ansys
17:00 – 17:10	Prize Draw & Closing	

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