# 10th Ansys User Conference by Fluid Codes

Thursday, October 19, 2023
The Meydan Hotel, Dubai, UAE

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Ansys / ELITE CHANNEL PARTNER   fluidcodes.com

# 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 | Digital Transformation Enabled by Digital Mission Engineering | **Roberto Gemma**, Manager - Europe, Ansys Government Initiatives |
| 12:15 – 12:35 | Predictive Development Engineering Using Ansys | **Fransis Van Ravenswaay** **Khalifa Al Nuaimi** **Omar Al Blooshi** **Gowtham Rajadurai** **Shikha Maurya** Halcon Systems |
| **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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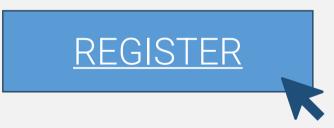| Time | Topics | Presenter |
|---|---|---|
| 14:25 – 15:40 | **Panel discussion:**<br><br>The Role of Digital Transformation in Achieving National R&D Strategy | **Panelists:**<br><br>**Dr. Chaouki Kasmi**, Chief Research Officer - DERC, Technology Innovation Institute<br>**Dr. Abbass Karim**, General Manager, Fluid Codes<br>**Dr. Rooh Ul Amin Khurram**, Chief Scientist, KAUST<br>**Dr. Lanre Oshinowo**, Research Science Consultant - R&DC, Saudi Aramco<br>**Dr. Jasem Al Ali,** R&D and Systems Development Strategist<br><br>**Host:** 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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