30 de Março

Critical Structural Integrity Challenges for the Energy Sector:

STRESS CORROSION CRACKING AND HYDROGEN EMBRITTLEMENT

Schedule

Time	Session	Speaker
8:30-8:45	Registration	
8:45-9:00	Opening	
9:00-9:45	Session1: Polymers and Composites for Energy Industry: An Operator's Perspective	Nitin Vaidya, Shell, Houston
9:45-10:30	Session 2: Virtual Testing of Materials and Structures Undergoing Corrosion and/or Hydrogen Embrittlement	Emilio Martinez-Pañeda, Imperial College London
10:30-11:00	Coffee break	
11:00-11:45	Session 3: Environmentally Assisted Cracking and Energy Transition - Expected Impact on Materials and Equipment	José Antonio Ponciano, UFRJ
11:45-12:30	Session 4: Fracture Mechanics and Structural Integrity Assessments in Environmentally Assisted Cracking	Daniel Correia Freire Ferreira, CENPES/PETROBRAS
12:30-13:30	Lunch Break	
13:45-14:30	Session 5: Toughening Effect Analysis in Problems of Propagating Cracks Interacting with Interfaces	Alfredo Huespe, Cimec/CONICET, Argentina
14:30-15:15	Session 6: New Experimental Facilities to Study SCC and Hydrogen Embrittlement	Oscar Rosa Mattos, UFRJ
15:15-15:45	Coffee break	
15:45-16:30	Session 7: View of Digital Technologies as a Tool for Studying Stress Corrosion Cracking	Rodrigo Landim, INT/RJ
16:30-17:00	Concluding Discussion: Integrating Insights, Sharing Perspectives, and Fostering Collaboration	

Registration
To register for the workshop access:

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If you have any questions, please contact us at
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