



Date: March 30, 2023
Time: 8:30 - 17:00

This workshop is designed to bring together experts from various fields to discuss the challenges and opportunities for the multiphysics modeling and experimentation of stress corrosion cracking (SCC) and hydrogen embrittlement (HE) in the energy sector.

Objectives

- Identify key challenges and gaps in understanding SCC and HE
- Share and discuss state-of-the-art modeling and experimental techniques
- Explore the potential for cross-disciplinary collaboration
- Discuss the implications of SCC and HE for industry practice

Invited Speakers

- Daniel Correia Freire Ferreira, CENPES/PETROBRAS
- Alfredo Huespe, Cimec, CONICET, Argentina
- Javier Alejandro Velasco, INT/RJ
- José Antonio Ponciano, UFRJ
- Emilio Martinez Pañeda, Imperial College London
- Oscar Rosa Mattos, UFRJ
- Nitin Vaidya, Shell, Houston

Registration

To register for the workshop access:



If you have any questions, please contact us at sic2023@mecanica.coppe.ufrj.br

Location: Room I-241, Mechanical Engineering Program at COPPE, Federal University of Rio de Janeiro

