



1st Biennial ESIS-CSIC Conference on Structural Integrity (BECCSI 2025), in period November 25-28, 2025 (www.beccsi2025.com)

Title of the minisymposium:

Corrosion, structural integrity, and reliability of oil and gas and hydrogen pipelines

ESIS TC21 minisymposium: Hydrogen Embrittlement and Transport

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Short description of the minisymposia:

This mini symposium should bring together scientists and researchers in the field of hydrogen embrittlement of structural materials and hydrogen transport in order to present the latest achievements, the current state of the art, and the future research framework for a better understanding of hydrogen embrittlement phenomena and complex hydrogen-material interactions, especially in respect to Oil and gas pipelines transporting hydrogen-gas mixture and 100% hydrogen: HE and HE-assisted fatigue.

Please, indicate on BECCSI registration and submission form

(<https://www.beccsi2025.com/authorscenter/>) that you want to participate to this minisymposia and send an email to binhan.sun@ecust.edu.cn, xu.lu@ntnu.no and mdjukic@mas.bg.ac.rs