



2020 Edition

Cryogenic liquids as energy carriers

Videoconference
14:45 – 17:30
Tuesday 23 June 2020

Program:

Welcome : 14:45 – 15:00

Meeting introduction

Dr. Paolo Stringari, CTP – MINES ParisTech, 15:00 – 15:15

Technical session

LNG: the evolution of sustainable transportation in Italy

Dr. Simona Negrini – Consultant for international and regional activities at FEDERMETANO, 15:15 – 15:45

Sustainable transport solutions – LNG

Dr. Simone Martinelli – Sustainable Solutions at ITALSCANIA, 15:45 – 16:15

Scientific session (CTP – MINES ParisTech)

Storage of cryogenic fluids

Nicolò Baiguini (PhD), 16:15 – 16:25

Storing methane at solid-liquid equilibrium? An equation of state for solid methane

Dr. Paolo Stringari, 16:25 – 16:35

New group contribution model for the evaluation of crystallization risk in LNG production

Salem Hoceini (PhD), 16:35 – 16:45

Robust calculation of complex phase equilibria: a powerful Gibbs energy minimization algorithm

Dr. Marco Campestrini, 16:45 – 16:55

Thermodynamic and kinetic issues of liquid hydrogen

Dr. Marco Campestrini, 16:55 – 17:05

Projects

Joint Industry Project “Evaluation of the crystallization risk in LNG production”: preparation of phase 2!

Thermodynamics of biogas: toward of a new Joint Industry Project

Dr. Paolo Stringari, Dr. Marco Campestrini 17:05 – 17:30

17h30 End