



## 2020 Edition

### Cryogenic liquids as energy carriers

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

#### Program:

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Welcome : 14:45 – 15:00

#### Meeting introduction

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

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#### Technical session

#### LNG: the evolution of sustainable transportation in Italy

Dr. Licia Balboni – President of FEDERMETANO, 15:15 – 15:45

#### Sustainable transport solutions – LNG

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

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#### 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

#### Thermodynamic and kinetic issues of liquid hydrogen

Dr. Marco Campestrini, 16:35 – 16:45

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

Salem Hoceini (PhD), 16:45 – 16:55

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

Dr. Marco Campestrini, 16:55 – 17:05

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#### 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

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17h30 End