



WORKSHOP

# USP-TAMU Partnership on Decarbonization of Offshore Oil & Gas Operations

6-7 MARCH 2024 | 8:30 - 17:00

Mechanical, Mechatronics and Naval Engineering Building  
Escola Politécnica, Universidade de São Paulo

## 6 MARCH – WED

### RCGI Conference Room

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|---|--|
| Gustavo Assi,<br>USP                                | <i>The future of offshore technology in the context of energy transition</i>                     |
| Eduardo Gildin,<br>TAMU                             | <i>Data-driven model reduction for the energy transition of the O&amp;G industry</i>             |
| Emilio Silva,<br>Renato Picelli,<br>Luís Sá,<br>USP | <i>Optimization Science for the energy transition of the offshore industry</i>                   |
| Harry Hogan,<br>TAMU                                | <i>Trends and challenges in engineering education from Texas A&amp;M Engineering perspective</i> |
| Maria Alves,<br>TAMU                                | <i>Texas A&amp;M Engineering's globalization goals and programs to achieve these goals</i>       |

## 7 MARCH – THU

### NDF Conference Room

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|---|--|
| Claudio Ruggieri,<br>Diego Burgos,<br>USP   | <i>Perspectives on advanced materials for offshore O&amp;G production in hostile environments and implications for energy transition</i> |
| Silvio de Oliveira,<br>USP  | <i>Low carbon offshore power hubs</i>  |
| Jurandir<br>Yanagihara,<br>USP  | <i>Optimizing offshore processes for decarbonization: strategies and innovations</i>   |
| Bruno Carmo,<br>Mauricio Salles,<br>Renato Monaro,<br>Jordi Mas-Soler,<br>Alexandre Simos,<br>USP | <i>Research and development on floating offshore wind energy systems for decarbonization of O&amp;G exploration and production</i>       |

## REGISTRATION

by March 1st at [pnv.poli.usp.br/eventos](http://pnv.poli.usp.br/eventos)

