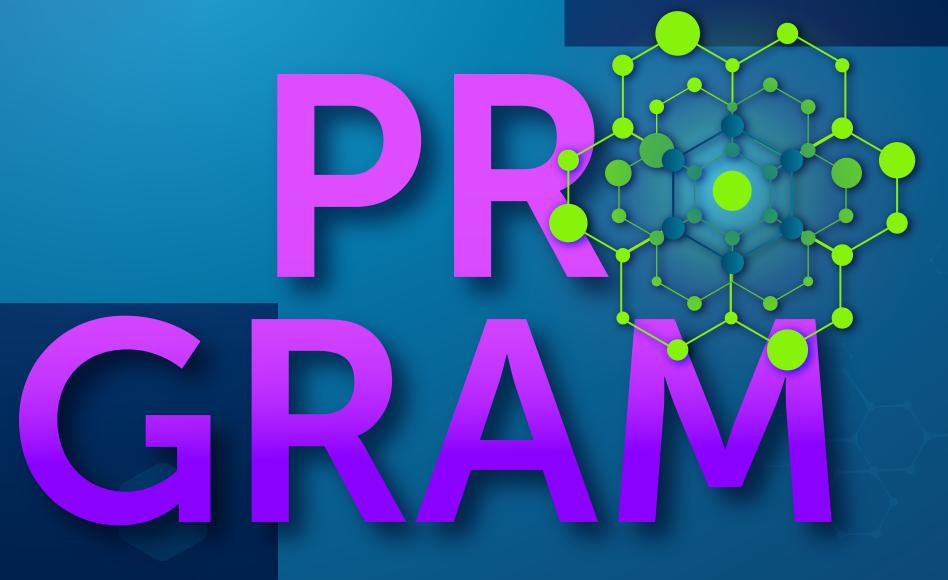


PROCESS INTENSIFICATION
Challenges

and Opportunities

OWARDS SUSTAINABLE CHEMICAL PROCESSES
IN THE XXI CENTURY



17 • 18 January 2023

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17
January

Inauguración

Synthesis and Operability Strategies for Computer-Aided Modular Process Intensification

YUHE TIAN
WEST VIRGINIA UNIVERSITY

Process intensification using plasma technology

GEORGIOS STEFANIDIS
NATIONAL TECHNICAL UNIVERSITY OF ATHENS

Process intensification in biobutanol processing

MARIANO PINTO
UNIVERSIDAD ESTATAL DE CAMPINAS

Process intensification for the circular economy: Valorization of waste lipids

ALVARO ORJUELA
UNIVERSIDAD NACIONAL DE COLOMBIA-BOGOTÁ

18 January

THE CHALLENGE AND OPPORTUNITY OF HYBRID
REACTIVE-EXTRACTIVE DISTILLATION FOR SUSTAINABLE
AZEOTROPIC SEPARATION

ZONG YANG KONG
SWINBURNE UNIVERSITY OF TECHNOLOGY

PROCESS SYSTEMS ENGINEERING FOR SUSTAINABLE CHEMICAL PROCESSES

GONZALO GUILLEN GONZALBEZ ETH ZURICH

Energy efficient distillation with dividing wall colums

Ivar J. Halvorsen
Norwegian University of Science and Technology

Single-Atom Catalysts for a New Generation of Industrial Chemical Processes

Gianvito Vilé Politecnico di Milano

Process Intensification for the Sustainable Management of Resources at Macroscopic Level

Jose Maria Ponce-Ortega Universidad Michoacana de San Nicolas de Hidalgo

Clausura

UNIVERSIDAD DE GUANAJUATO

