CIBIQ2023-II IBEROAMERICAN CONGRESS ON CHEMICAL ENGINEERING – *A WCCE11 Joint*

BUENOS AIRES 2023
JUNE 4 - 8

WCCE11 - 11th WORLD CONGRESS OF CHEMICAL ENGINEERING

IACCHE - XXX Inter-American Congress of Chemical Engineering
CAIQ2023 - XI Argentinian Congress of Chemical Engineering
CIBIQ2023 - II Ibero-American Congress of Chemical Engineering
Buenos Aires - Argentina - June 4-8, 2023

"The global chemical engineering working for a better future world"

CIBIQ PLENARY 1 (Monday, June 5th, 11:30-12:30 h)

Auditorium "Dr. Francisco Valsecchi"

"CO_2 conversion to products: a circular economy perspective"

A Sustainable Production and Consumption System demands important decarbonization and defossilization objectives linked to the Climate Action Program and to the Circular Economy, respectively, thereby promoting research and innovation activities to develop technological breakthroughs based on new knowledge are very important.

Chemical Engineering has to play a leading role in the research development and optimization of innovative carbon dioxide conversion processes leading to new industrial routes.

In the lecture, the fundamentals and main applications of the carbon dioxide utilization will be described introducing the challenges and opportunities of a new CO2 derived industry.

Angel Irabien
University of Cantabria, Spain

Prof. Dr Angel Irabien, since 1991 is Full Professor of Chemical Engineering at UC, Santander (Spain), after being Assistant and Associate Professor at the University of the Basque Country. More than 400 publications, three patents, many international, spanish and industrial funded projects and near 50 PhD tesis supervision show the main results of the research activities (see ORCID 0000-0002-2411-4163).

International activities have been carried out in Germany, Friedrich Alexander Universität, Erlangen-Nürnberg; UK, Kings College University of London and Oxford University and many other countries. In the last ten years 2012-2022 his research interests focus on the analysis, modelling, design, operation, optimization, integration and sustainability assessment of Carbon Capture and Utilization (CCU) technologies; in order to progress to a more Sustainable Chemical Engineering.