



## WCCE11 - 11th WORLD CONGRESS OF CHEMICAL ENGINEERING

IACCHE - XXX INTERAMERICAN CONGRESS OF CHEMICAL ENGINEERING

CAIQ2023 - XI ARGENTINIAN CONGRESS OF CHEMICAL ENGINEERING

CIBIQ2023 - II IBEROAMERICAN CONGRESS OF CHEMICAL ENGINEERING

**Buenos Aires - Argentina - June 4-8, 2023**

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

### WCCE11-Area 9- Industry 4.0, Smart Factory, Big Data

#### Preliminary technical program

Thursday, June 8, 2023. Oral presentations Room PSE C

09:00-10:30	<b>PSE Oral Session</b>		
10:30-11:00	<b>Coffee Break and Poster Discussion</b>		
11:00-11:30	<b>PSE Oral Session</b>		
11:30-11:45	<b>2874</b>	<i>Artificial intelligence at work: a look back at our collective experience from systems analysis to modeling, optimization and molecular property prediction</i>	Aouichaoui, A.R.N., Alvarado-Morales, M. , <u><a href="#">Sin, G.</a></u>
11:45-12:00	<b>2949</b>	<i>Prediction of Composition of Thiophene Sulfides in VGO Based on Machine Learning</i>	<u><a href="#">Xiaotian Ren</a></u>
12:00-12:30	<b>Posters Discussion</b>		
12:30-14:00	<b>Lunch Interval</b>		

**Thursday, June 8, 2023. Poster Session**

<b>1217</b>	Modeling and simulation of solid bowl centrifuges as an aspect of advancing digitalization in solid/liquid separation	<u>Baust, H.K.</u> , <u>Gleiß, M.</u> , <u>Nirschl, H.</u>
<b>1587</b>	Evaluation of the adoption of Industry 4.0 technologies in food and energy clusters in Argentina	<u>Colletti, A.C.</u> , <u>Denoya, G.I.</u> , <u>Vaudagna, S.R.</u>
<b>1733</b>	Toward a modular ontology of process supervision	<u>Roda, F.</u> , <u>Braccia, L.</u> , <u>Bottari, A.</u>
<b>1817</b>	Modeling of solid bowl centrifuges as an aspect of advancing digitalization in solid/liquid separation	<u>Baust, H.K.</u> , <u>Gleiß, M.</u> , <u>Nirschl, H.</u>
<b>1892</b>	K-Means vs DBSCAN Clustering applied to Segmentation of Raspberries from Morphological and Chromatic Features Extracted during Food Pre-treatments	<u>Gamboa-Santos, J.</u> , <u>Campañone, L.</u>
<b>1893</b>	Application of Multivariate Statistical Analysis in the Study of Spatial Distribution of Air Quality in the Metropolitan Area of São Paulo	<u>Gamboa-Santos, J.</u> , <u>Campañone, L.</u>
<b>1894</b>	Application of Dynamic Modifier Estimation to an Industrial Propane-propylene Splitter	<u>Cristaldo Pimentel, A.</u> , <u>Guardani, R.</u>
<b>2548</b>	A cloud-based and flexible architecture for beans images processing	<u>Villaverde, J.E.</u> , <u>Aquino, D.C.</u> , <u>Rodrigues Da Fonseca, C.</u>