IFPAC SUMMIT with INDUNIV

August 26-27, 2025
Royal Sonesta San Juan | Carolina, PR

View the Program

A collaborative meeting designed for the Pharmaceutical & Biopharmaceutical Industries

Topics Include:

Advanced Manufacturing Strategies for:

- Artificial Intelligence & Continuous Manufacturing - Regulatory Considerations

- PAT & Analytics

- Biologics & Therapeutics

- A.I. and Industry 4.0

View the Program

Meet with new & existing colleagues for networking and in-depth discussions at this forward-looking event! The program will address the latest challenges & solutions in advanced quality & control, to improve your manufacturing processes.

LEARN MORE - www.IFPACsummit.org

IFPAC
Advanced Manufacturing Science
Making Collaboration Possible℠

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INDUSTRY UNIVERSITY RESEARCH CENTER, INC.
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QUADRANT I
Continuous Manufacturing, Artificial Intelligence, and Regulatory Considerations
9:00 AM - 12:30 PM

Chairs: Sonia Aviles Eli Lilly & Carlos Tollinche, INDUNIV

Continental Breakfast & Networking: 8:00-8:45 AM

Welcome to the Conference (8:45 AM)

Implementing strategies for a more stable and efficient pharmaceutical supply chain: from understanding supply chain challenges to employing continuous flow, Gabriela Grasa Mannino, Programs Director, US Pharmacopeia

Enhancing an Existing Continuous Manufacturing Platform by Implementation of an Automatic Dispensing/Refill System, Jason Melnick and Sonia Aviles, Eli Lilly

Continuous Manufacturing reinvented by QBD and PAT, Ulrik Frodermann, Fette Compacting America

Embedding FDA's Risk-Based Credibility Framework into a Six-Phase AI Development Lifecycle, Angel Benitez, ProQuality Network

Optimization / Automation of Intensified Processes, Christopher McCready, Sartorius

Q&A / Discussion

Vendor Spotlight - Introduction of Exhibitors

Lunch Break & Networking

QUADRANT II
PAT, Analytics, and Smart Manufacturing
1:30 PM - 5:15 PM

Chair: Rodolfo Romañach, University of Puerto Rico - Mayaguez

Tailored Generation of Metastable Polymorph During Formulation, Suresh Manivel, University of Puerto Rico, Molecular Science Research Center

Additive Manufacturing for Personalized Solid Dosage Formulation of Warfarin Sodium, Aliou Mbodji, MSRC, Medical Sciences Campus, UPR

An Update: USP General Chapter <1037> Process Analytical Technology – Theory and Practice, Yang Liu (USP), and Rodolfo J Romañach, UPR-M

Integrating representative sampling in PAT to ensure process control in continuous manufacturing, Dhavalkumar Patel, UPRM, UPR-Mayaguez

Model Updates, Eduardo Hernandez, Eli Lilly

Ultra-Fast Raman Imaging (RAMANtouch) with Laser Line Scanning Technology, Mark Kemper, Bruker Optics

State of Control, PAT, Significant Phases and CFR 211.110, Rodolfo Romanach, UPR-M and Considerations for Complying With 21 CFR 211.110 Guidance for Industry Panel Discussion: Elizabeth Plaza, Eric Sanchez, Leonel Maisonet, Rodolfo Romanach, Sonia Avilés, Vanessa Avilés, et al.

DAY 1 - Wrap Up
Networking Reception
View the latest program details online at: www.IFPACsummit.org/program

ADVANCED MANUFACTURING SOLUTIONS FOR THE BIOPHARMACEUTICAL & PHARMACEUTICAL INDUSTRIES

QUADRANT III
Biologics, Therapeutics, and Artificial Intelligence
9:00 AM - 12:30 PM

Chair: Hermes Puig, AbbVie

Introduction & Overview

Technology as an Ally of Speed and Efficiency, Mike Rigau, Amgen

Effective Spray Drying Process for Biologics, Andrew Birkmire, GEA Process Engineering, Inc.

Risk Mitigation in Bioprocesses through Multi-Modal PAT Integration for Real-Time Monitoring, Dmitriy Kogan, Amgen

"We can help you design something better" - Innovation through PAT & the Artificial Intelligence driven RNA BioFoundry (AIRFoundry). Rodolfo Romañach, UPR, Mayagüez, PR

Online Multiplexing for PAT: A Novel Approach to Biopharmaceutical Quality Control, Dan Hasle, FIAlab

Enhancing Biotech Process Control with AI Ricardo Valdes, TriNova

Q&A / Discussion

Lunch Break & Networking

QUADRANT IV
Engineering & Drug Manufacturing - Industry 4.0, Modeling, A.I.
1:30 PM - 5:15 PM

Chair: Pablo Rosado, Amgen

Virtual Reality Use in Pharmaceutical Training, Sheila Medina, Yolando Ramos, BMS, Drug Product

Five Ways to Organize and Make Better Decisions in Manufacturing, Wuxiang Shen, Rovisys

AI-Empowered Process Analytical Technology: Adaptive Monitoring for Biopharmaceutical Quality Control, Dan Hasle, FIAlab

Autonomous AI – Building AI for control and advisory, Chris Conry, RoviSys

Accelerating Workforce Training in High-Risk Industrial Operations with AI, Gabriel Goncalves, SmartHow

An Approach to Machine Learning Model Validation for GxP Compliance, Bryan Looze, Sartorius

Breakouts & Discussion - The Factory of the Future: Artificial Intelligence in Drug Manufacturing

DAY 2 Wrap Up / Close / Networking Reception

REGISTER TODAY!

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