













	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
9:00-10:00	CHECK-IN					
10:00-12:00	Pipeline Pilot Fundamentals	Pipeline Pilot Analytics and Machine Learning	AI-Driven Drug Design	COSMO-RS: Reaction Modeling beyond DFT & Reactions in Solvents	Jupyter Notebook and Python Integration in Pipeline Pilot	1. Follow the Drug 2. Biologics Design
12:00-1:00	LUNCH					
1:00-2:00	Pipeline Pilot Fundamentals (Continued)	Pipeline Pilot Analytics and Machine Learning (Continued)	ONE Lab Calculation Engine	COSMO-RS: Crystal Design in Pharmaceutical Development (Cocrystal Screening, Morphology, Solvent Screening)	Jupyter Notebook and Python Integration in Pipeline Pilot (Repeat)	Day in life of a Recipe Developer: A Food & Beverage Formulations Experience
2:00-3:00						Development of Polymer Materials
3:00-4:00						Battery Materials V+R Innovation
4:00 - 6:00	Welcome Reception					

	Lab of the Future	Regulatory, Quality and Manufacturing	Materials Innovation	Data Science and Informatics	Drug Discovery
9:00 AM	KEYNOTE				
	Room 1	Room 2	Room 3	Room 4	Room 5
10:00 AM	The Next Generation of ONE Lab on 3DEXPERIENCE BIOVIA	Future of Regulatory Kevin O'Leary BIOVIA 	AI and Machine Learning in Materials Innovation Gabor Csanyi Cambridge University 	Data Science and AI Customer TBA 	Drug Discovery with AI Customer TBA 
10:25 AM	ONE Lab for Quality Control Labs BIOVIA	Intro and Overview of Structured Documents Margaux Soules BIOVIA 	Optimizing Process Performance through Molecular Design and Predictive Thermodynamics Lukas Raßpe-Lange RWTH Aachen University 	Data Science and AI in Biopharma Customer TBA 	Application of Generative Therapeutic Design and CSD-GOLD for Discovery of Novel Anti-TB Molecules Rupesh CHIKHALE Cambridge Crystallographic Data Centre 
10:50 AM	BREAK				
11:10 AM	Biopharma Customer Presentation Customer TBA	CMC Dossiers Use Case & Demo of CMC Authoring Margaux Soules BIOVIA	Machine Learning (ML) Applications in Materials Innovation BIOVIA 	AI/ML Use Cases with Pipeline Pilot David Nicolaides BIOVIA 	Collaborative Solution for Small Molecule Therapeutics Design Alexandre Cabayé BIOVIA 
11:35 AM	UCB Biopharma 4.0 Smart Laboratory UCB	Customer TBA	A Quantum Computing Collection for Pipeline Pilot Quantinuum	Introduction to Virtual Companion Phil Cochrane BIOVIA	Enhanced Active Learning in Generative Design David Nicolaides BIOVIA 
12:00 PM	LUNCH				

	Lab of the Future	Regulatory, Quality and Manufacturing	Modeling & Simulation in Pharma Development	Data Science and Informatics	Drug Discovery
	Room 1	Room 2	Room 3	Room 4	Room 5
1:30 PM	ELN Customer Presentation Customer TBA	Future of Quality Management – Industry is Transforming Part 1 Kevin O’Leary BIOVIA AI	Pharma Dev, Reaction Modeling Customer TBA	Pipeline Pilot in Life Sciences Customer TBA	Retrosynthetic Analysis Laurent Naudin BIOVIA
1:55 PM	BIOVIA Scientific Notebook ELN BIOVIA	Future of Quality Management – Industry is Transforming Part 2 Kevin O’Leary BIOVIA AI	Pharma Dev with COSMO-RS Customer TBA	Pipeline Pilot in Life Sciences Customer TBA	The Present and Future of BIOVIA Chemistry Matthew Sage BIOVIA
2:20 PM	Effective Search for Scientific Data BIOVIA	Quality Document Manager Niamh Finn BIOVIA	Pharma Dev with Materials Studio Customer TBA	Pipeline Pilot in Life Sciences Customer TBA	Next-generation Materials Registration on 3DEXPERIENCE Platform Neil Eccles BIOVIA
2:45 PM	POSTER SESSION & BREAK				
3:45 PM	Innovators for Instrument Integration BIOVIA	Introducing the New BIOVIA Biopharma Quality Management 3DEXPERIENCE Platform Niamh Finn BIOVIA AI	Pharma Dev with COSMO-RS Customer TBA	Introduction to Machine Learning Workbench and Pipeline Creator Clement Nardari BIOVIA	Optimization of Nek6 Inhibitors' Structure by Computer-assisted Design Maria Cristina De Rosa Catholic University of Rome
4:10 PM	Drug Product Development BIOVIA	Exploring Next Gen Quality Customer TBA	Pharma Dev with Materials Studio Customer TBA	Predicting Prediction Accuracy David Nicolaides BIOVIA	Biologics Design with Deep Learning and Molecular Modeling and Simulation Anne Goupil BIOVIA
4:35 PM	BIOVIA Professional Services: Your #1 Value Up Partner BIOVIA	Migrating Third-Party Quality Systems into the 3DEXPERIENCE Platform Kevin O'Leary BIOVIA AI	Pharma Development Customer Panel	Using LLMS and Foundation Models for Chemistry Gregory Price, Alena SHEVELEVA and David Nicolaides BIOVIA AI	Drug Discovery with Molecular Modeling Enhanced by OpenFold/AlphaFold in Discovery Studio Simulation BIOVIA AI

	Lab of the Future	Regulatory, Quality and Manufacturing	Materials Modeling & Simulation	Data Science and Informatics	Formulations
9:00 AM	KEYNOTE				
	Room 1	Room 2	Room 3	Room 4	Room 5
10:00 AM	Lab Workflows and Data Analytics for Battery Materials in Automotive BIOVIA	Discoverant: What's New and Maintaining Your Hierarchies (Gene / Tom Simons) BIOVIA	Interpreting X-ray Spectra from Li-ion Battery Cathode Materials Rebecca Nicholls Oxford University	Pipeline Pilot Applications Customer TBA AI	Streamline Formula and Recipe Development Workflows BIOVIA
10:25 AM	Putting Your Lab Data to Work: Data Science Initiatives BIOVIA	Beyond Document Structured Content: APQR Use Case Stephane Vellay BIOVIA	Advanced Simulation for Next-gen Battery Materials Johan Carlsson BIOVIA	Pipeline Pilot Roadmap and What's New Clement Nardari BIOVIA	Virtual Formulation: Optimizing Your Designs for Success BIOVIA
10:50 AM	BREAK				
11:10 AM	ELN and Inventory Management Customer TBA	Pharma 4.0: Achieving Agile Biomanufacturing Virtual Twin Experiences Mahaut De Villepin-Lambert BIOVIA	Material Studio as an Efficient Tool to Study Structure-property Relations of Novel Carbonates Prof. Bjoern Winkler Goethe University	Pipeline Pilot Pet Peeves Part 1 Clement Nardari BIOVIA	A Day in Life of Formulator BIOVIA
11:35 AM	ELN and ONE Lab Customer TBA	Customer TBA	Hydrocarbon Membranes for Fuel Cell Applications: A DFT Stability Study Chris Perry Johnson Matthey	Pipeline Pilot Pet Peeves Part 2 Clement Nardari BIOVIA	Multi-Objective Formulation Optimization BIOVIA
12:00 PM	LUNCH				

	Lab of the Future	Regulatory, Quality and Manufacturing	Materials Modeling & Simulation	Workshop	
	Room 1	Room 2	Room 3	Room 4	Room 5
1:30 PM	Materials Inventory Management on 3DEXPERIENCE Platform BIOVIA	Customer TBA	Innovate Faster and Better with Materials Studio 2024 James Wescott BIOVIA	ONE Lab Calculation Engine BIOVIA	
1:55 PM	Synthetic Chemistry in ONE Lab BIOVIA	Customer TBA	Catalyst Modeling and Simulation Customer TBA		
2:20 PM	Customer Talk Customer TBA	Streamlining Templated Report Generation: Leveraging Discoverant Data Automation Stephane Vellay BIOVIA	The Chemistry of Sustainable Packaging Stephen Todd BIOVIA		
2:45 PM	BREAK				
3:30 PM	Accelerating BIOVIA Deployment BIOVIA	Customer TBA	High Tech Materials Innovation with TURBOMOLE Customer TBA	ONE Lab Calculation Engine BIOVIA (Continued)	
3:55 PM	Controlled Substances in CISPro BIOVIA	Customer TBA	Reaction Modeling with COSMO-RS Customer TBA		
4:20 PM	Drug Product Development BIOVIA	Customer Panel Discussion TBA	Industrial Applications with COSMO-RS BIOVIA		

Abstracts

15-Oct

10:00 AM - 12:00 PM

01:00 PM - 03:00 PM

Room 5

Unlocking the Power of Jupyter Notebook and Python Integration in Pipeline Pilot

Gregory Price

BIOVIA

Python is the go-to language for innovation. See how you can leverage its considerable capabilities via Pipeline Pilot. Do data analysis, visualization, AI, etc., and access the latest scientific algorithms (e.g. Bayesian Experimental Design) for advancing your R&D”

*Please bring your own laptop.

15-Oct

10:00 AM - 12:00 PM

01:00 PM - 04:00 PM

Room 1

Pipeline Pilot Fundamentals

Johan Carlsson

BIOVIA

Learn how to build and utilize protocols (process steps) in Pipeline Pilot. Rapidly create, test and publish scientific services and automate the process of accessing, analyzing and reporting scientific data.

This course is for beginners to BIOVIA Pipeline Pilot. Session includes lunch.

*Please bring your own laptop.

15-Oct

10:00 AM - 12:00 PM

01:00 PM - 04:00 PM

Room 2

Pipeline Pilot Analytics and Machine Learning

David Nicolaides

BIOVIA

Learn how to use Pipeline Pilot for analytics and machine modeling. In this session you will learn how to characterize the variables in a data set, clean the data, group the data into clusters, build and validate predictive machine learning models from your data and apply your models to make new predictions and optimizations.

Requires a knowing how to create and run a protocol and how to use components.

*Please bring your own laptop.

15-Oct

01:00 PM - 04:00 PM

Room **3**

ONE Lab Calculation Engine

BIOVIA

A popular session in Americas BIOVIA Live, this is a hands-on session best designed for ONE Lab Recipe Authors who are ready to take their use of Compose expressions to the next level. The session will be Instructor led, but paced for you to follow along on your own laptop and to leave time for questions as you proceed through the curated examples. The session is roughly divided into two parts that will run consecutively:

Part 1: Fun with Summary Expressions in this session, harness the power of advanced data manipulation techniques like variable-length statistical analysis, multi-point filtering and selection.

Part 2: Automating Decisions and Other Important Tricks Learn to simplify value searches with partial string matching and conquer repetitive tasks with loops.

*Please bring your own laptop.

15-Oct

10:00 AM - 12:00 PM

Room **4**

COSMO-RS: Reaction Modeling beyond DFT & Reactions in Solvents

Frank Eckert

BIOVIA

Join our workshop on COSMO-RS, where you'll explore advanced reaction modeling techniques beyond Density Functional Theory (DFT) and learn how to predict chemical reactions in solvents. Enhance your understanding of computational chemistry and gain practical insights into predictive modeling for complex chemical systems.

*Please bring your own laptop.

15-Oct

01:00 PM - 03:00 PM

Room **4**

COSMO-RS: Crystal Design in Pharmaceutical Development

Frank Eckert

BIOVIA

Join our 2-hour workshop on COSMO-RS: Crystal Design in Pharmaceutical Development. Dive into cocrystal screening, morphology, and solubility screening to enhance your understanding of crystal design and its applications in pharmaceuticals. Perfect for professionals aiming to optimize drug development processes.

*Please bring your own laptop.