Pion Advanced Fiber Optic Training Course 2024
March 26-28, 2024
Woburn, MA

Preliminary Agenda

Tuesday 26th March

08:00 Opening refreshments
08:30 Welcome Address
08:45 Lecture, Method development part 1
09:45 Break
10:00 Lecture, Method development part 2
10:40 Lecture, AuPRO 6 vs AuPRO 7 (lamp control, automatic data processing, polynomial fit)
11:00 Break
11:15 Hands-on session with AuPRO (blue standards, blank and reference channels, automatic data processing)

12:15 Lunch

1:30 Lecture, zero-intercept method (ZIM) and multi-component analysis (MCA)
2:30 Break
2:45 Hands-on session with ZIM & MCA
3:45 Break
4:00 Customer Case Study #1
4:30 Lecture, Large molecule UV: oligos, proteins, ZIM applications
5:00 Close of Day 1

6:30 Group Dinner

Wednesday 27th March

08:30 Lecture, Dissolution assays (IDR, dissolution rate, solubility)
09:10 Lecture, Predictor introduction (IDR, DR, solubility, precipitation rate, induction time)
09:30 Break
09:45 Hands-on session with Predictor and AuPro
10:30 Break
10:45 Lecture, Flux general introduction, and basic applications
11:30 Lecture and practical, Flux analytical work behind the scenes

12:00 Lunch

1:15 Hands-on session with Flux (data troubleshooting, flux data analysis with Predictor)
2:00 Lecture, Predictor (Fa modeling introduction, model development, FaRLS)
2:20 Break
2:35 Hands-on with Predictor (Fa calculation scenarios and examples)
3:35 Break
3:50 Customer Case Study #2
4:20 Close of Day 2

Thursday 28th March

09:00 Lecture, Rainbow for GMP
09:30 Lecture, Rainbow for subcutaneous administration
10:10 Break
10:25 Accessories demonstration
10:55 Round-table discussion with Q&A
11:55 Wrap-up and close of meeting