

Wednesday, June 19

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| 08:00 am | Welcome & Plenary Session: Solving Complex Problems <i>Dr Geoff Vining, Virginia Tech</i> | |
| 09:15 am | Track 1 | Track 2 |
| | Know the SCOR for Multifactor Strategy of Experimentation <i>Mark Anderson, Stat-Ease</i> | Using Multi-Sensor Data Fusion for Process Analysis and Control <i>Geir Rune Flåten, Camo Analytics</i> |
| 10:00 am | Break: Expert talks and demos | |
| 10:30 am | Using Experimental Design and Statistical Software to Investigate the Impact of Amines on Metalworking Fluid Lubricity <i>Jason Pandolfo, Quaker Chemical</i> | Process Analytical Technology (PAT) in pharmaceutical formulation manufacturing <i>Angela Spangenberg, DisperSol</i> |
| | Design-Expert's Outstanding Features <i>Hank Anderson, Stat-Ease</i> | The importance of flexibility of multivariate PAT techniques <i>Eric Jayjock, Patheon</i> |
| 12:00 pm | Lunch & Keynote Speaker: Field Authentication and Adding Chemistry to Blockchain <i>Dr Sharon Flank, InfraTrac</i> | |
| 01:45 pm | DOE: A Formulator's Perspective <i>William Arendt, Arendt Consulting</i> | MVA and DOE: Throughout the Product Lifecycle <i>Chuck Miller, Camo Analytics</i> |
| | Design of Experiments in Chemistry: The Pitfalls <i>James Cawse, Cawse and Effect</i> | Text Mining: Discovering Themes in Text Records <i>Paul Prew, Ecolab</i> |
| 03:15 pm | Break: Expert talks and demos | |
| 03:45-04:30 pm | Optimization of the Process Parameters for PLGA Microparticle Formulation Based on Taguchi Design <i>JRosemond Mensah, U of Hertfordshire</i> | Introduction of Hyperspectral Image Analysis for Quality Control using Unscrambler HSI <i>Geir Rune Flåten, Camo Analytics</i> |

Thursday, June 20

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| 08:00 am | A Primer on Partial Least Squares Regression <i>Dr Dennis Cook, University of Minnesota</i> | |
| 09:15 am | Track 1 | Track 2 |
| | Considerations in the Design of Experiments for Binary Data <i>Martin Bezener, Stat-Ease</i> | From chemometrics modeling to process analytics <i>Sylvie Roussel, Ondalys</i> |
| 10:00 am | Break: Expert talks and demos | |
| 10:30 am | Optimizing the Vapor Deposition of Bioactive Films using Sequential Experimentation <i>Lou Johnson, JMC Data Experts</i> | Delivering Automated Process and Release Analytics to Clients: The Benefits of the CDMO <i>Pankaj Sinha, Lonza</i> |
| | Developing an Assay for Screening Alzheimer's Inhibitors using RSM <i>Noah Johnson, University of Colorado</i> | PAT Best Practices: Learnings across Industries <i>Chuck Miller, Camo Analytics</i> |
| 12:00 pm | Lunch & Keynote Speaker: Transforming the value-chain from product to production with industrial analytics <i>Christian Gilhuus-Moe & Geir Rune Flåtten, Camo Analytics</i> | |
| 01:45 pm | Analyzing Experiments Involving an Amount Factor with a Zero Setting <i>Howard Rauch, Eastman Chemical</i> | Improving Collapsibility Robustness of an EPS-CD by means of Simulation and Six Sigma <i>Michal Majzel, ZF</i> |
| | How to Increase Design of Experiments Success <i>Carol Parendo, Collins Aerospace</i> | |
| 03:15 pm | Closing remarks | |