

## Multi-Angle

Summer 2016

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#### **Training**



The acclaimed Light Scattering University (LSU) course, held

in Santa Barbara, CA on the American Riviera, is guaranteed to demystify light scattering, work you hard but feed you well, and explain how to get the most from your Wyatt Technology instruments.

Watch the new LSU Experience Video



## Get Ready for ASTRA 7

Is it the best version ever? Blazing fast? Feature-packed, rock solid and ready to roll? Well, yes, all of those, but that's what you would expect from any major new software release, from MS Office to Angry Birds. You'll definitely appreciate the enhanced performance, accuracy and stability over ASTRA 6.

ASTRA 7 offers something unique that you won't find in either Office or Angry Birds: integrated HPLC service.

Yes, you read that correctly! It's a brave new world for SEC-MALS aficionados. Power down your OpenLab or ChemStation, set aside your handheld controller and

let ASTRA handle your Agilent pump, degasser, autosampler and UV detector with perfectly synchronized methods. We've even added a separate control app that replaces the "Gameboy".

ASTRA 7.0 will be available in August 2016\*. Activation keys for the new HPLC service will be available for purchase in September. Control of other HPLCs will be added later on (dependent on the willingness of the HPLC vendors to cooperate).



Integrated Agilent HPLC service. ASTRA 7 controls key modules of the HPLC stack including pump, autosampler, and UV detector.

### DLS? GMP? DYNAMICS SP!

ASTRA 7 HPLC control doesn't excite you? Then, chances are, you own a DynaPro or Mobius instrument. If you need to operate any of those in a GMP lab, help is on the way: the DYNAMICS Security Pack (SP), providing FDA 21 CFR Part 11 regulatory compliance, is now available as part of DYNAMICS 7.5.





Please contact your Wyatt sales rep for details and to purchase a DYNAMICS SP activation key\*.

\*ASTRA and DYNAMICS upgrades are available for download from the Wyatt Support Center. If your Wyatt instruments are not under warranty, please contact Customer Support to purchase an ASTRA upgrade. DYNAMICS 7.5 is free to owners of all DYNAMICS 7.x versions. Paid upgrades are available to DYNAMICS 6.x owners.

## **FOCUS ON**

## Sigrid Kuebler, Ph.D.

**Director of Customer Service** 



This year represents Dr. Sigrid Kuebler's tenth anniversary with Wyatt Technology Corporation (WTC). For the last decade Sigrid has been focused on a single goal: delighting our customers! Upon joining WTC, Sigrid served as an Applications Scientist and then Dean of Light Scattering University. Her dedication to helping our customers and her keen interest in taking on additional responsibilities resulted in promotion to the role of Director of Customer Service. Ever since, Sigrid has been leading the burgeoning Customer Support Team while overseeing our Product Service Team. As if this isn't enough, Sigrid still has time to devote to her colleagues in our European offices—annually giving educational light scattering lectures throughout Europe and promoting the Wyatt culture of customer satisfaction.

A scientist from a US government lab wrote:

Among the abundance of personnel assets at WTC, Dr. Sigrid Kuebler stands out due to her tireless, simultaneous dedication to customer and science. Having interacted with Sigrid over the last decade, in both academic and government lab settings, I can attest to her quick and thorough responses to any and all of our queries, to her contagious enthusiasm for the field of polymer characterization, and to her desire to make sure that we, the customers, are able to employ WTC equipment in whatever fashion we wish, no matter how unusual the application or the instrumental set-up may be. Many of our early (and continuing) successes in our lab, involving multi-detector chromatographic and field-flow fractionation characterization of macromolecules, can be attributed to first-rate instrument installation and training by Sigrid and to her continued vigilance in the customer service arena. Thank you, Sigrid!

Sigrid had a successful career in science and technology even before joining WTC. She earned her PhD in Physical Chemistry from the Max Planck Institute for Polymer Research in Mainz, then she spent five years working as a Staff Scientist at Symyx Technologies. At Symyx she was involved in polymer characterization, light scattering, and high-throughput screening systems. In fact, Sigrid was one of the innovators of the early high-throughput Dynamic Light Scattering technology now incorporated into the DynaPro Plate Reader product, the only in situ plate-based DLS instrument in the world.

After Symyx, Sigrid's saga led her to Santa Barbara.
Sigrid ultimately came to Wyatt Technology not via the usual path —replying to an advertisement—but by competing against Cliff Wyatt on the squash court. Cliff was so impressed with Sigrid (and her drop shots) that he insisted she be recruited to join Team Wyatt.

Focused on a single goal:

Delighting our customers!

Commenting on her tenure at Wyatt, Sigrid says: "I'm passionate about teaching and helping others succeed, be it by solving a characterization challenge, developing an analytical method, training our customers, or working out an instrumentation issue. One of the most rewarding aspects of my work is turning my experience with our products and customer feedback into improved solutions for molecular characterization. At Wyatt Technology. I'm privileged to do this every day—in partnership with our customers all over the world!"

collage

# LSU

## **Light Scattering University**



















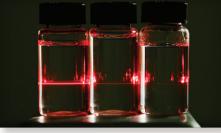




















## Future-Proof (μ)SEC-MALS

It's not uncommon to purchase a UHPLC stack, then use it for standard HPLC-SEC until new methods are implemented that take advantage of true UHPLC-SEC; that's called 'future-proofing' your lab. Now you can future-proof your SEC-MALS investment! Purchase a  $\mu DAWN$ , and add a  $\mu DAWN$  HPLC Compatibility Kit for standard SEC-MALS. When you are ready for UHPLC and  $\mu SEC-MALS$ , simply

revert to the standard µDAWN configuration. The kit is installed in your lab, by your always-smiling Wyatt field service rep. Contact support@wyatt.com to add a µDAWN HPLC Compatibility Kit to your current µDAWN.



## Robotize your DynaPro Plate Reader

Are you ready for around-the-clock DLS? The DynaPro Plate Reader may be interfaced to your lab robotic liquid handling system via the DYNAMICS SDK in order to run through multiple plates and thousands of samples per day. Two vendors who have successfully integrated the DynaPro with such systems are Freeslate and Hudson Robotics. While Wyatt does not perform custom integration services,

complete documentation for the SDK is available for your in-house or 3rd party programmers. Contact your Wyatt sales rep for more information.



## **Upcoming Events**

#### **Polymer & Nanoparticle User Meeting**

Click on link below to learn more

Mid-Atlantic

**September 13,** Wilmington, DE Guest Speaker: Christopher Rasmusssen, DuPont de Nemours and Co.

#### **Protein & Biotech User Meeting**

Click on a link below to learn more

District of Columbia

September 15, Bethesda, MD

#### **Seminar**

Click on a link below to learn more

Controlled Release Society Annual Meeting & Exposition **July 17** – Sunday, 9:00 AM

Washington State Convention Center Seattle, Washington

"The Light Scattering Toolkit for Characterization and Formulation of Drug Delivery Nanoparticles"

Dr. Daniel Some, Principal Scientist

Visit us at Booth #408



#### **LSU Classes**

#### LSU Classes

July 26-28 August 16-18 September 20-22 October 18-20

#### **Dyna-LSU Classes**

August 18-19 September 22-23 October 20-21

Register now



## What's New @Wyatt

#### Recent publications and blog posts



Overcoming Fear, Uncertainty, and Doubt in GPC: The Need for an Absolute Measurement of Molar Mass. Published in The Column, June 2016.



We invite you to read and contribute to our new blog.

#### **Recently Added On-Demand Webinars**



Optimizing Protein Biotherapeutic Formulations with the Light Scattering Toolkit



Essential Polymer Characterization: The Benefits of MALS and FFF for Determining Molecular Weights, Sizes and Branching Ratios



Measuring Size, Stability and Conformation of Biopolymers with Dynamic Light Scattering



Introducción a la Dispersión de Luz: Fundamentos y Aplicaciones

## Career Opportunities

Excellence is our passion. Wyatt customers know they can rely on Wyatt to provide the best instruments, training and support available. If supporting cutting-edge science is your passion, Wyatt may be the place for you! Check the careers page or click on a job link below to see a detailed description of each position.

#### **Customer Service & Support**

#### Sales

Application Scientist – DC Region Application Scientist – NJ Region Inside Sales Manager
Account Manager - Boston Area

Application Scientist - Mid-West Region

## Keep in Touch

As a small, family-owned and operated company, we consider every customer to be part of the Wyatt Technology family. We do our best to get to know you first-hand; and, as a family, we like to keep in touch! Several social media channels help us accomplish this:



Wyatt Technology | LinkedIn – Stay up-to-date with notifications on our latest events, webinars, blogs and career openings.



Linkedin Groups – Ask your light scattering peers for advice, keep up-to-date with the latest Wyatt news, or reconnect with LSU classmates through our LinkedIn groups.



Wyatt Technology Group – Open to anyone interested in the technology and applications of light scattering for characterization of macromolecules and nanoparticles in solution. Get the latest news and join the technical discussions.



Light Scattering University Graduates - For active users of Wyatt instruments.



Social @Wyatt - Join our community for topical discussion groups.

The Solution is Light™