

International Varian-Agilent NMR Users Group

Sponsored by MR Resources



February 12, 2020

The Agenda for the **New** 2020 IVAN Workshop Meeting, Saturday March 7th before the Baltimore ENC in Maryland.

This year's IVAN meeting will feature two mini-workshops, morning and afternoon, with other short talks in between. As usual attendees are treated to a catered lunch and all ENC attendees are welcome at our afternoon reception.

In the morning, **Dr. Sitarma Bhavarju**, NMR Team leader at U.S. Pharmacopeia, will present a tutorial session about **Quantitative NMR**. Dr. Bhavarju is an authority at U.S.P. about both the practical and regulatory aspects of *qNMR* and he handles a broad portfolio of analytical testing for multinuclear organics, polymers, excipients, food chemicals, botanicals and peptides. He has been a continuing contributor to the yearly *qNMR Summit* and other meetings.

The afternoon topic will be **NMR Metabolomics**, led by **Professor Emmanuel Hatzakis**, Department of Food Science and Technology, Ohio State University. Professor Hatzakis's research focuses on identification and analysis for foods and other complex matrices such as bio-fluids and plant extracts. He is a recognized NMR educator and sponsors a short course in NMR methodology. We are pleased that Dr. Bhavarju and Professor Hatzakis are willing to share with us at the ENC!

New this year, IVAN mini-workshops are officially open to all NMR users of any vendor's instruments, not just Varian and Agilent. This change acknowledges that the strength of the past IVAN meetings has been primarily in their tutorial content, of interest to all. We look forward to continuing this focus on workshops at future meetings.

Agenda for the IVAN Workshop Meeting

- 8:30 AM: Coffee and Registration (Meeting Room: Carroll A/B Suite, Third floor, Hilton Baltimore Inner Harbor)
- 8:55 AM: A Welcome to the 2020 IVAN Workshop Meeting (Dave Rice, UC Merced)
- 9:00 – 11:00 AM: Workshop1: "Quantitative NMR: Navigating an Old Ship on a New Route" (Sitaram Bhavaraju, U.S. Pharmacopeia, Rockville MD)
- 11:00 AM: Talk: "NMRPipe and NMRBox Update" (Frank Delaglio, NIST)
- 11:30 AM: Talk: "OpenVnmrJ Version2.1" (Dan Iverson, OpenVnmrJ Solutions LLC)
- 12:00 AM: About our Sponsor, MR Resources (Krish Krishnamurthy, Chempacker LLC)
- 12:15 PM: A Buffet Lunch will be Served in the Meeting Room
- 1:15 PM: Talk: "What is New with Q One Americas" (Don Bouchard, Q One Americas)
- 1:30 PM: Talk: "Scientific Magnetism and the New Tecmag" (Jeremy Lea, MRR Europe and Scientific Magnetism)
- 1:45 – 3:45PM: Workshop2: "NMR Metabolomics" (Emmanuel Hatzakis, Ohio State University)
- 3:45 PM: Talk: "CRAFTy: Development Updates" (Krish Krishnamurthy, Chempacker LLC)
- 4:15 PM: An Afternoon Reception - Sponsored by MR Resources

2020 registration is now open at <http://www.ivanmr.com>. We hope you will preregister, even if you only plan to drop in for a few talks, but on-site registration will be available. If your plane arrives Saturday, still try to get to the afternoon reception!

If you are already an IVAN member your email will be remembered from previous years. If you do not yet have an IVAN login, first click the link to join IVAN and then continue on to register for the meeting. The IVAN web site will also be accessible through the ENC website.

Make your plans for another great IVAN event!

Remember, IVAN workshops are now open to all NMR Users!

The 2019 Executive Committee of IVAN: Tim Burrow, Frank Delaglio, George Gray, Dan Iverson, Krish Krishnamurthy, Dave Rice, Dave Russell, Mike Strain, Don Bouchard (Q One Americas, Indianapolis), Marty Marek (Q One Americas, Chicago), Jeremy Lea (MRR Europe and Scientific Magnetism), Ramon Rosales (MRR Mexico) Shellie Hammond (MRR) and Jon Webb (CEO of MRR and VP of Q One Americas)