



IVAN NMR Users Group

Sponsored by MR Resources and Q.One Instruments

Helium Crisis 4.0 as it pertains to the NMR Community

IVAN User Meeting on May 19, 2022@ 12 Noon EST

We've all been made very aware of the severity of the current shortage of helium supply by the announcement that the Pacific Northwest National Lab (PNNL) was forced to de-energize five of their 28 systems to deal with the reduced allocation. We have assembled a panel of experts both on the helium industry and NMR magnet community to discuss the impact of this current crisis and prepare our labs as best we can.

Part One of the meeting will detail the helium crisis as it pertains to the NMR industry. Hopefully our panel will be able to provide very current information on the shortage both over the short and longer term. This panel will be led by Phil Kornbluth, the preeminent helium industry insider and includes Craig Bettenhausen, an editor from the ACS who recently wrote an article on the crisis for C&E News, and Dr. Nancy Washton, the director of the NMR facility at the PNNL. Phil will begin with a presentation on the supply shortage and we will follow with a panel discussion and questions from our listeners.

Part Two will involve a discussion among our invited NMR magnet experts, Razvan Teodorescu from Bruker and Jon Webb from MR Resources. They will begin by covering the practical implications of managing shortages of helium including the potential necessity of de-energizing a magnet. This discussion will focus on making plans for NMR facilities in the event of a turn for the worse and will include what the options are, timing and risks involved, etc.

As always, we encourage you to visit the IVAN web page <http://ivanmr.com>! You will find the links to past workshops and our recent IVAN ENC meeting on You Tube as well as the complete schedule of past and upcoming workshops.

Click on the link below to register and receive the meeting link!

You are invited to a Zoom meeting.

When: May 19, 2022 at 12:00 PM Eastern Time (US and Canada)

Register in advance for this meeting:

<https://us02web.zoom.us/meeting/register/tZEld-uqqjMuH9By7VqFNyL31gJTz-6jyWVD>

We have Zoom space for all!

See You on May 19th, 2022

The 2022 IVAN Executive Committee: Jon Webb (CEO of MRR and VP of Q.One Instruments), Dan Iverson, Krish Krishnamurthy, Dave Rice, Eric Schatzlein (MRR)