



Developing Circular Solutions in the Petrochemicals Industry

Dr Ron Abbott

Chevron Phillips Chemical

Tuesday July 19, 2022, 4:30 pm Pacific

Please join us on July 19th at 4:30 PM for a Science Café hosted by the Richland ACS Local Section.

Ron Abbott is Chevron Phillips Chemical Company's Sustainability Technology Manager, responsible for leading technical programs to advance long term global sustainability objectives including CPChem's recently commercialized Marlex® Anew™ product line based on chemical recycling.

Dr. Abbott began his career with Phillips Petroleum Company as a refining catalyst chemist. Throughout his 32 year career with Phillips Petroleum Company, Chevron Chemical Company and now Chevron Phillips Chemical Company, he has held a range of R&D, commercial management and strategic planning positions including Petrochemicals R&D Manager, Normal Alpha Olefins Global Product Manager, Kingwood Research & Technology Center Facility Manager, Strategic Planning Manager, and Polyethylene Catalyst R&D Manager. He has led teams that have successfully commercialized the world's first on-purpose 1-Hexene process, the Phillips ReVap alkylation process and CPChem's high viscosity PAO process. Abbott holds 26 U.S. patents in selective 1-hexene catalyst and process technology, polyethylene catalysis, advanced polymer applications and HF alkylation technology.

Abbott earned his B.S. in chemistry from the University of Vermont, his Ph.D. in inorganic chemistry under Distinguished Professor F. Albert Cotton at Texas A&M University and worked as a postdoctoral research associate under Dr. Richard Lagow at The University of Texas at Austin. He and his wife Andrea have two married sons and one granddaughter and are active in ministries addressing racial reconciliation and alleviation of extreme poverty in developing countries. Please use the following link to join us on Zoom: https://american-chemical-society.zoom.com/join/zoom-join-tzApdOGsrTluG9ZOso7pBeLou5N_V9JUI2Zd For more information, please contact acsrichlandsection@gmail.com or uriah.kilgore@pnnl.gov.

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