Alexander Seyfarth

Alexander Seyfarth is an x-ray spectroscopist with over 20 years of experience with XRF and XRD. Alexander holds a Diploma in Mineralogy from University Giessen (1996). Thesis work for his graduate studies was done on chemical and phase investigation of kiln deposits using XRF, EPMA, and XRD as well as Rietveld structure refinement on isolated phases. Starting out as Application Scientist in Germany with Siemens, he was transferred to the US where is now a proud citizen, still living in the Midwest (Wisconsin). As the resident "Geo Scientist" he got to travel within the Americas to mine sites, cement plants and quarries and present application and theory-based talks at trade shows, conferences for Bruker and Thermo Fisher Scientific in various functions. With a group of other XRF trainers he continued the XRF course from University of Western Ontario and moved it to Hamilton College; expanding it also back to the roots in South Africa. Associated Volunteer Researcher with Colorado School of Mines as of 2021 for Direct XRF core scanning.

Since 2017, he is back fulltime to the geochemistry world as Global Technical Manager for XRF with SGS Natural Resource Division and active in both SGS internal technical formation as well as externally with focus on the new and smaller devices such as PXRF and Micro Libs.

Professional interest lies within research, promoting and expanding XRF (and LIBS on solids) within the community as well as modern Gamma activation analysis for Gold as saying. Data fusion of chemical and mineralogical assays as well as advancing the Chemometric based methods are part of the current research with vendors. Focus for AAG work would be within the training and education of future geochemists as well as promoting and establishing bets practices for new types of instrumentation leveraging the extensive contacts to the various instrument vendors. Having spent over 25 years at trade shows and conferences, he can sell and qualify leads as well.