

Prof. Paul A. Fuierer from New Mexico at Functional Materials – Start of a series of student exchanges

Paul A. Fuierer spent several weeks at Functional Materials in Bayreuth. Prof. Fuierer is a full professor at the Materials and Metallurgical Engineering Department of the New Mexico Institute of Mining and Technology (NMT), Socorro, New Mexico. His 2014 visit follows a one-year research stay at Functional Materials. His research visit is financed by the German Research Foundation (DFG) in the framework of a Mercator professorship.

During his stays in Bayreuth, he worked on the fundamentals of the Aerosol-Deposition Method – a novel method of manufacturing dense (functional) ceramics and ceramic coatings directly from the ceramic powder without any high temperature or vacuum processes.

Furthermore, his recent research stay initiated a series of student exchanges in the framework of the Materials World Network. Kevin Ring, master student at NMT will stay in Bayreuth until End of August 2014 to work on Bismuth-Vandate low temperature ionic conductors in close collaboration with his German counterparts Jörg Exner, project engineer and doctoral student, and Maximilian Streibl, student of materials science. In fall 2014 and winter 2014/2015, these two German material scientists will join the Fuierer lab at NMT for a several month-lasting research visit, also working on Bismuth-Vandates in the framework of the Materials World Network project. The projects in the Materials World Network are co-funded by German Research Foundation (DFG) and National Science Foundation (NSF).



Project Meeting in Bayreuth. From left to right: Maximilian Streibl (Bayreuth student), Kevin Ring (NMT student), Jörg Exner (project engineer and doctoral student at Functional Materials), Prof. Ralf Moos, and Prof. Paul Fuierer.