

Matthias Zeller

Dr. Matthias Zeller is Staff Crystallographer and Adjunct Faculty at Youngstown State University in Youngstown, Ohio. Matt holds a PhD in chemistry from the University of Erlangen-Nuremberg, Germany, and conducted postdoctoral research at the Massachusetts Institute of Technology and at Youngstown State. Since his appointment as Staff Crystallographer in 2004, he has been senior scientist at the YSU node of the STarBURSTT cyber-diffraction consortium where he operates, trains users for, and supports x-ray single crystal, powder, & fluorescence instruments. Since 2004, he has collaborated with approximately eighty different research groups representing 36 different universities in eleven States and a dozen countries, has taught crystallography and chemistry courses, trained hundreds of users, published over 350 peer-reviewed journal publications, and has coauthored related grants leading to external funding now approaching ten million dollars. He has been central in establishing YSU's facility as one of the most efficient, effective, and user friendly single crystal X-ray diffraction laboratories in the US. He has also played lead roles in several technology transfer projects and has active collaborations with over a dozen companies, ranging from local small businesses to divisions of multinationals. Since 2007, he has been a Co-Editor for Acta Crystallographica (section E) and has actively participated in IUCR, ACA & PDS conferences.