

DR. BRUCE DAVIS

Bruce is Magnesium Elektron North America's Research and Development Program Manager and oversees all third party collaborative work, as well as managing internal development programs. He is a member of the SAE Aircraft Seat Committee, sits on the SAE AMS Metals Group Committee D, and attends the MMPDS Committee meetings. A great deal of his work is focused on the application of new magnesium alloys in the aerospace industry.

Bruce graduated with a degree in Aeronautical Engineering from Manchester University in the United Kingdom; where he also obtained his Doctorate for work on aluminum sheet texture evolution in association with Alcan International. He was the "Luxfer Industrial Research Fellow" at Oxford University prior to moving to Holland to work at Corus Aluminum to develop commercial processing of rolled aluminum alloys. He rejoined the Luxfer Group in 2003 in the Magnesium Elektron Division where He focused on DC casting of magnesium alloys for four years at their Swinton facility in the United Kingdom. He relocated to St Louis in 2007, with his family, to work at Magnesium Elektron's sheet and plate manufacturing facility where he has been developing materials for military and aerospace applications.