

Brief Resume of  
Dr.Christopher C. Berndt



Dr. Chris Berndt hails from Adelaide in South Australia. His first degree in 1977 was a Bachelor of Applied Science in Secondary Metallurgy. Dr. Chris has done his Ph.D. in the area of "The Adhesion of Flame and Plasma Sprayed Coatings". Dr. Berndt took on several Post Doctoral Fellowships in the USA before returning to an academic appointment at Monash University. This included a 2 year stint from 1983-85 at NASA-Lewis Research Center in Cleveland (OH-USA) as a Fellow of the Institute for Aerospace Propulsion and Power where he worked on thermal barrier coatings. He rose to the rank of Senior Lecturer in Materials Engineering before being invited to apply for a position at Stony Brook University. He was granted a tenured Associate Professor position in 1994 and was promoted to Full Professor with tenure in 1995. Dr. Berndt's professional responsibilities gravitate around the Thermal Spray Society of the ASM of which he has been a member since 1991. He was appointed as the Vice President of this society in 2000 and President in 2002. He was the Proceedings Editor for the Thermal Spray Conferences held in the USA from 1992-2003. He is the Founding Editor, and now Editor Emeritus, for the Journal of Thermal Spray Technology (first issued in 1992) which is published by ASM International. He was a member of the ASM Action in Education Team from 2000-2004. He was appointed a Trustee (the Board of Directors) of the American Society of Materials for the 2005-2008 period. Dr. Berndt is a Member of some 13 professional Societies in the materials, mechanical, manufacturing and biomedical fields. He is a Fellow of the Australian Institution of Engineers, Fellow of ASM International, and Fellow of The Institution of Metallurgists (UK). He is also a Chartered Engineer (UK), a Professional Engineer (Australia), and a Member of the College of Bioengineers (Australia). Dr. Berndt has held positions as a Faculty Fellow of Oak Ridge National Laboratory and Guest Scientist of Brookhaven National Laboratory. He was inducted into the Thermal Spray Hall of Fame in 2007. BERNDT has more than 480 publications in the field of Materials Science and Engineering. He is the Editor / Co-editor of 10 conference proceedings on thermal spray. Dr. Berndt has Supervised and advised 13 Ph.D. and 3 M.Sc. students in Australia and 10 Ph.D and 6 M.Sc. students in the USA. He has remained the President of ASM International (2011-2012), President of the Thermal Spray Society (2002-2004), President of the Australian Ceramic Society (2008-2010), Inducted into the Thermal Spray Hall of Fame (2007), Founding Editor for the Journal of Thermal Spray Technology (first issued in 1992), Proceedings Editor for 10 International Thermal Spray Conferences Fellow of the Australian Institution of Engineers (Australia), Fellow of the ASM International (USA), Fellow of the Institute of Materials, Minerals and Mining (UK), Fellow of the American Ceramic Society (USA), Fellow of the Australian Ceramic Society (Australia)