学术报告

题　目：Properties of porous metals manufactured by space holder methods

报告人：赵玉园 教授 University of Liverpool

时　间：2017年9月19日 (周二) 下午 14：00

地　点：固体所3号楼221会议室

报告人简介：

Professor Zhao graduated with a BEng in 1985 and MSc in 1988 from Dalian University of Technology, China, and a DPhil in Materials from Oxford University in 1996. In 1998, Dr Zhao joined Liverpool University as a Lecturer and was promoted to Senior Lecturer in 2005, Reader in 2010 and Professor in 2015.

Professor Zhao pioneered the Sintering and Dissolution Process (SDP) for manufacturing aluminium foam, which inspired the subsequent developments of several powder-based space-holder methods for manufacturing metal foams. He further invented the Lost Carbonate Sintering (LCS) process, a more versatile and cost-effective method for producing micro-porous metals. The LCS technology has led to the creation of *Versarien*, a highly successful start-up company which mass produces micro-porous copper for thermal management applications.

Professor Zhao was awarded the *Ivor Jenkins Medal* in 2015 for an outstanding contribution to powder metallurgy in developing and commercialising innovative powder based technologies for manufacturing metal foams.

His current research is focused on the manufacture, characterisation and applications of porous metals and metal matrix syntactic foams.