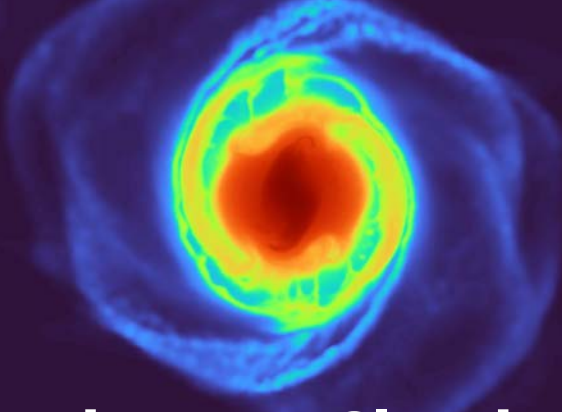




University of
Central Lancashire
UCLan

**Jeremiah Horrocks
Public Lecture Series**



An Afterglow and a Dust Cloud - The Story of a Forming Planet

Monday 4 December, 6.30pm - 8pm

Darwin Lecture Theatre, Darwin Building, PR1 2HE

Join us for an awe-inspiring journey into the birth of a planet, filled with radiant afterglows and swirling dust clouds with Dr. Zoë M. Leinhardt.

Planets outside of our solar system are common. Thousands have been observed using a variety of detection techniques. These planets are amazingly diverse - with a broad range of planets that are not represented within our own solar system. Although we have found many planets it has proven much harder to observe the process of planets forming. In this presentation I would like to present the strange and wonderful story of star ASASSN-21qj which seems to be a rare example of a star in the midst of forming a planet.

Dr. Zoë M. Leinhardt is an Associate Professor in the School of Physics at the University of Bristol. She received her BA in Physics from Carleton College in Minnesota in 1998 and her PhD in Astronomy from the University of Maryland in 2005. After a postdoc at Harvard University, she moved to the UK in 2007 where she held a PPARC Postdoctoral Fellowship in the Applied Maths Department at Cambridge University. In 2010 Zoë moved to the School of Physics at the University of Bristol where she became an STFC Advanced Fellow. She is now a permanent member of staff and leads the Astrophysics Theme, a vibrant and diverse group of 40 students, research fellows, and faculty who study a broad range of astrophysics topics from observations of planetary atmospheres to the physics of black hole accretion.

Book on Eventbrite

For more information email VPDebattista@uclan.ac.uk