

Project 2501	16:00	01:00	Day: 5	Track: Science	en	
Chef: 2433	Lindworm: 5463	Emergency: 112	Security: 110	Heaven: 1023	Speakers Desk: 1020	Info Desk: 1111
Translation (check if available): 8011		Technical Coordinator: 1611				

Title: **Detecting echoes from the dawn of time**

Subtitle: Nifty technologies behind the world's most sensitive astronomical detectors

Speaker: **Liz**

**Short:** Our understanding of the universe has exploded in the past 50 years, largely thanks to incredible advances in detector technology that allow us to precisely measure light and particles of all kinds. In this talk, I will describe some of the world's most sensitive detector technologies. These detectors often exploit strange properties of matter, or push up against the laws of physics in the most extreme physical conditions. I will also highlight the scientific discoveries that these new technologies have made possible.