

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 that revolutionized astronomy

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. This talk will cover how technology has revolutionized the field of astronomy, focusing on some of these detector technologies and the discoveries they made possible. The future of astronomy involves large datasets and big computations. The field is starting to embrace open source software and hardware and the power of the internet to fuel new scientific discoveries.