

# Jodrell Bank Centre for Astrophysics

Welcome!



# JBCA

## 6 research groups

- Cosmology and extragalactic
- Pulsars and compact objects
- Stars Sun and planets
- Technology
- Advanced technology team
- SKA

## Facilities

- Lovell Telescope
- E-Merlin
- VLBI
- ALMA (ARC)
- Host SPO
- Outreach

# People

- 26 academic staff **they bring in the money**
  - +4 new offers
  - Including SKA director, Max Planck director, ..
  - ~10 emeritus staff
- 30 research staff **they do the science**
- 38 operations and admin staff **they make it work**
- ~50 postgraduate students **they bring the life**

# Public perception



- [Jodrell Bank] 'is a riddle, wrapped in a mystery, inside an enigma'  
*-Churchill*
- Jodrell Bank helps Britain see its future in the stars  
*-Times*
- [Jodrell Bank] it's like being in the middle of a desert  
*-Ebadinejad*
- Astronomy makes good radio  
*-BBC*

# A year to remember

- Passing of an era
  - Sir Bernard Lovell 1913 – 2012
- Public impact
  - Stargazing live attracts 10 million viewer
  - Discovery Centre wins “best outdoor event” 2011  
“The BAFTAs of the Event Industry”
- SPO gets a home
  - Square Kilometer Array Project Office moves to new building at JBO
  - Gets a new Director – 'our' Phil Diamond

# Our future

- Provide excellent student training
  - PhD, Msc(R), Msc(T), undergraduate
- Doing leading science
  - Focus on radio astronomy
  - But also wide range of astronomy and technology
- Major presence in SKA and a CMB mission
- International collaborations
  - USA, China, Saudi Arabia, Brazil, ..

# Immediate future: Consolidated grant

- Our major STFC research funding
- Three-year case to be submitted Feb, 2013
  - Next three months: develop science cases to be submitted
- Funding for PDRAs, other staff, travel, equipment
- Each research group will propose cases by Nov 16.

# Today

- Students :
  - Get to know the group, the research and the people
- Everyone else
  - Get to know the students
- Staff
  - Think about the consolidated grant
- Everyone
  - Ideas for future science!
- Organizers
  - Be very afraid..
  - Receive a big Thank You!