

UniverseNet Outreach Activities: 1 Oct 2006 – 30 Sep 2007

http://www.physics.ox.ac.uk/univnet/universenet_outreach.htm

Public talks by Network Participants

1. **BA Festival of Science, York, UK, 13 Sept 2007**
Dr Roberto Trotta (Oxford) gave the Lord Kelvin Award Lecture "Does the Universe need humankind? The strange case of intelligent observers in the cosmos."
2. **Bedford School, Bedford, UK, Feb 2007**
Dr Roberto Trotta (Oxford) gave a talk to 6th form students about the dark side of the Universe.
3. **Cherwell High School, Oxford, UK, 17 Jan 2007**
Prof Subir Sarkar (Oxford) gave a talk on cosmology titled "Seeing the edge of the universe" to about 100 Sixth-Form science students from several schools in Oxford.
4. **University of Helsinki, Finland, 14 Jan 2007**
Dr Syksy Rasanen (Geneva) gave a talk titled "Beyond the universe: a guided tour to extra dimensions" to an audience of 800-1000 during the Finnish biannual science festival "Tieteen paivat" ("The Science Forum").
5. **CERN, Geneva, Switzerland, 25 Jan; 19 Mar; 17,19, 24 & 26 April; 18 & 24 May; 5 Jun 2007**
Dr Syksy Rasanen (Geneva) gave a series of talks to visiting groups of 20-25 Finnish high school students and groups of teachers on "The structure of matter: from the small to the large and back again".
6. **CERN, Geneva, Switzerland, 9 May, 2 Nov, 16 Nov, 30 Nov, 15 Dec 2006**
Dr Syksy Rasanen (Geneva) gave a series of talks to visiting groups of 20-25 Finnish high school students on "The structure of matter: from the small to the large and back again".
7. **Gonville Primary School, Thornton Heath, Surrey, UK, 10 Nov 2006**
Dr Roberto Trotta (Oxford) gave a talk to about 65 five-year old children about the nature of light and darkness, our Universe, and the place of Earth in it.

Popular articles by Network Participants

8. **COLLAPSE magazine**
Dark Matter: Probing the Arche-Fossil - A conversation with the philosophical magazine COLLAPSE. An interview with Dr. Roberto Trotta (Oxford). [Collapse, II](#) (March07), R. MacKay (Ed).
9. **The anthropic principle: Interview with John Barrow**
Cover story in "Newton" (in italian) by Roberto Trotta, Oct 2006
10. **[Cosmologists scoop Nobel Prize for Physics](#)**
An article in "Le Scienze" (Italian version of Scientific American) by Roberto Trotta, Nov 2006
11. **[Does the Universe need humankind?](#)**
Contribution for scitizen.com by Roberto Trotta, Dec 2006

12. [Dark Matter: Probing the Arche-Fossil](#)
A conversation with the philosophical magazine "Collapse" by Roberto Trotta, Mar 2007
13. **Mapping out the invisible Universe**
Cover story in "Newton" (in italian) by Roberto Trotta, Apr 2007
14. **Before the Big Bang**
Cover story in "Newton" (in italian) by Roberto Trotta, Sep 2007
15. [Monimutkaisuus](#)
A popular science book on "Complexity" (in Finnish) by Kari Enqvist
16. [A physics show performed by students for kids: From mechanics to elementary particle physics](#)
Herbi Dreiner, ePrint: physics/0701344
As described in these articles, a fascinating set of physics demonstrations for children have been put together under Prof Dreiner's guidance by 2nd year undergraduates at Bonn University. These have proved to be a huge success with the public. Every year a new two-hour show is presented, with six performances in a full (550 seat) auditorium. Several trailers can be seen on [YouTube](#),

Media reports on the Network

17. **BLUEPRINT: The newsletter of the University of Oxford, [5 Oct 2006](#)**
A project co-ordinated by Professor Subir Sarkar in the Department of Physics has been awarded Euro 3.53 m in the Sixth Framework Programme of the European Union. 'UniverseNet', consisting of 23 universities and 16 research institutes in 11 countries, will address fundamental questions such as "why are we made out of matter rather than antimatter?"; "what is the dark matter and the even more mysterious dark energy which dominate the universe?"; and "why are there just four space-time dimensions?" ...