

## CONFERENCE ORGANIZING COMMITTEES: J.R. Bond

- 1987** Organizer, CITA workshop, 'Delta T over Tea', May, Toronto  
**1989** Organizer, CITA workshop, 'Computing Cosmologies, May, Toronto  
**1990** Aspen Winter Institute on the Cosmic Microwave Background, January  
**1990** IUPAP Conference 'Primordial Nucleosynthesis and the Early Universe', Tokyo, Japan, Sept. 1990, *Cosmic Background Radiations and Galaxy Formation*  
**1991** Aspen Winter Institute on Recent Advances in Physical Cosmology, January  
**1991** IAU General Assembly, Cosmic Microwave Background Program, Buenos Aires, August  
**1991** Organizing Committee, CIAR Workshop on Cosmology and Faint Blue Galaxies, Banff, Alberta, December  
**1991-1997** Organizing Committee for IAU Commission 47 (Cosmology)  
**1995** Organizing Committee for Winter Aspen Meeting on High Redshift Objects in Cosmology, January  
**1995** Co-ordinator of the Workshop on Background Radiations and Galaxy Formation, Feb.-June 1995, Institute for Theoretical Physics, (UC Santa Barbara)  
**1995** Organizing Committee (Chair) of the Workshop on Cosmic Background Radiation Fluctuations, Feb. 22-24, Institute for Theoretical Physics (UC Santa Barbara)  
**1995** Organizing Committee of the Galaxy Formation and the Intergalactic Medium Workshop, June 7-9, Institute for Theoretical Physics (UC Santa Barbara)  
**1996** Organizing Committee for the IAGUSP Workshop on Young Galaxies and QSO Absorption Line Systems, April 8-12 1996 (Santos, Brazil)  
**1996** Organizing Committee for the XXXI Rencontre de Moriond on Anisotropies of the Microwave Background, March 16-23 1996, Les Arcs, France  
**1996** Co-organizer (Chair), Cosmic Background Radiation Session, Texas/Pascos meeting, December, Chicago  
**1997** Organizer (Chair), Cosmic Background Radiation Session, AAS meeting, January, Toronto  
**1997** Organizing Committee for the Joint Cosmic Background Anisotropies Conference and the 100th Anniversary of the Electron Symposium, Cambridge, April  
**1997** Organizing Committee for the Kansas Conference on Large Scale Structure, Kansas, May  
**1998** Organizing Committee for the IAP Workshop on Wide Field Observations, Paris, May 1998  
**1998** International Advisory Committee for the 19th Texas Symposium on Relativistic Astrophysics, Paris, Dec. 1998  
**1998** Moriond conference on the High Redshift Universe  
**1999** Multi-wavelength Digital Sky Surveys, August 1999, Garching, rescheduled for June 2000  
**1999**  $\nu$ 2000, Sudbury, June 2000  
**1999** Inner Space / Outer Space II, Chicago, May 1999  
**1999** Cosmic Evolution and Galaxy Formation: Structure, Interactions, and Feedback, Instituto Nacional de Astrofisica, Optica y Electronica, Tonantzintla, Puebla, Mexico, November 15-19, 1999  
**2000** International Conference on Gravitation and Cosmology, Khadagpur, India, Jan. 4-7  
**2000** Analysis of Large Astronomical Data Sets, Garching, June

**2000** IAU Workshop on Cosmic Parameter Estimation, UK August  
**2000** Kingston 2000, A CITA Reunion Meeting, August, Chair  
**2001** Strings and Cosmology, CIAR Annual Meeting, Banff, Feb.  
**2001** Parallel High Performance Computing in Astrophysics, CITA/Fields Institute, May  
**2001** TAW8, “High-z Clusters, Missing Baryons, and CMB Polarization”, Taiwan, June  
**2002** Guillermo Haro International Program on Astrophysics 2002, “Millimetre Cosmology: From Primordial Fluctuations to Galaxies”, July  
**2002**, Chair, CIAR Focus Group on CMB Polarization, October, Pasadena  
**2002**, National Academy of Science Colloquium on Challenges to the Standard Paradigm: Physics and Cosmology, November 1-3, Beckman Center, Irvine, CA.  
**2002**, Chair, CIAR Focus Group on Weak Lensing and the CMB, November, KITP, Santa Barbara  
**2003**, CIAR Annual Meeting, Mont Tremblant, March  
**2003**, CAPP 2003, CERN, June  
**2003**, COSMO-03, Ambleside UK, August  
**2003**, Chair, CIAR Focus Group on Boomerang, the Cosmic Background Imager and Planck, November, Caltech  
**2003**, CIAR/CITA/PI Focus Group on Early Universe and String Cosmology, November, Toronto  
**2003**, Chair, CIAR/CITA Focus Group on Cosmic Background Imager Science, December, Toronto  
**2004**, Aspen Winter Conference, The Distribution of Mass and Light in the Universe, Aspen, Jan 19  
**2004**, Texas Symposium on Relativistic Astrophysics, Stanford/SLAC, Dec 13 to 17  
**2004**, CIAR Annual Meeting, Banff, March, Chair  
**2004**, Chair, CIAR/CITA Focus Group on CMB Theory and Experiments, April, Toronto  
**2004**, Chair, CIAR/CITA Focus Group on Cosmic Background Imager Science, May, July, Toronto  
**2004**, CIAR/CITA/PI Focus Group on Early Universe and String Cosmology, April, Waterloo  
**2004**, XXth Colloque de l’IAP 2004, CMB, Paris, June 28-Jul 2  
**2004**, COSMO-04, Toronto, Canada, September  
**2004**, Chair, CIAR Focus Group on Boomerang, the Cosmic Background Imager and Planck, October, Caltech  
**2004**, Chair, CIAR/MPA Focus Group on the Cosmic Background, Large Scale Structure and Planck, November, Max Planck Institute for Astrophysics, Garching  
**2004**, CIAR/CITA/PI Focus Group on Early Universe and String Cosmology, December, Toronto  
**2005**, CIAR Annual Meeting, Mont Tremblant, March, Chair  
**2006**, CIAR Annual Meeting, Banff, Feb  
**2006**, Frontiers of Astrophysics, Library of Alexandria, Egypt, March-April  
**2006**, CBI/CIAR focus group, CITA, September  
**2006**, Texas Symposium on Relativistic Astrophysics, Melbourne, Australia, Dec  
**2007**, Chair, CIFAR Annual Meeting, Whistler BC, May 9-13  
**2008**, Chair, CIFAR08/Lindefest, Stanford CA, March 4-9  
**2008**, Pascos08, Perimeter Institute, Waterloo, June

**2008**, 24th Texas Symposium on Relativistic Astrophysics, Vancouver, British Columbia, Dec 8-12  
**2009** Centre de recherches mathematiques Workshop on ‘ Random Functions and Random Surfaces’, Saint-Adele, Quebec, January 4-9  
**2009** CIFAR09, Mont Tremblant, Quebec, March 5-8  
**2009**, Chair, Clusters and the Cosmic Background Imager Focus Group, CITA, April 23-May 1, Toronto/Waterloo  
**2009**, 2nd Halifax Conference on Computational Astrophysics, Halifax, Oct 16-18  
**2010** Chair, CIFAR10, Lake Louise, Alberta, Feb 18-21  
**2010** Galaxy Clusters: Observation, Physics and Cosmology, Munich, July 26-30  
**2011** 7th International Conference on Gravitation and Cosmology [ICGC], Goa, India, December 14-19  
**2010**, Chair, CIAR/CITA/PI Focus Group on Early Universe and String Cosmology, Sept, Toronto  
**2011**, Planck2011: The Millimeter and Submillimeter Sky in the Planck Mission Era, January, Paris  
**2011** Chair, CIFAR11, Whistler, BC, Canada, Mar 30 - Apr 3  
**2011** Advisory Group, Galaxy Clusters: the Crossroads of Astrophysics and Cosmology, Kavli Institute for Theoretical Physics, UC Santa Barbara, Jan-Apr  
**2011**, CITA/PI Focus Group, Feb, Waterloo  
**2011** Monsters Inc.: Cosmology and Astrophysics with Galaxy Clusters, Kavli Institute for Theoretical Physics, UC Santa Barbara, Mar 14-18  
**2012**, Planck2012: Astrophysics from radio to sub-millimeter wavelengths The Planck view and other experiments: temperature and polarization, February, Bologna  
**2013** Scientific Advisor, Fundamental Cosmology, Kavli Institute for Theoretical Physics, UC Santa Barbara, Apr-Jun  
**2012** 26th Texas Symposium on Relativistic Astrophysics, Sao Paulo, Brazil, Dec. 2-7  
**2012** Chair, CIFAR12, Whistler, BC, Canada, Apr 4-8  
**2013** Chair, CIFAR13, Mont Tremblant, Canada, Mar 14-17  
**2013** The Universe as seen by Planck, 47th ESLAB Symposium, ESA/ESTEC, Netherlands, Apr 2-5  
**2013** Cross Correlating CMBR data with Other Datasets, Shanghai, China, Fall  
**82 total organizing committees, Chair of 22**

### INVITED CONFERENCE TALKS: J.R. Bond

**1978** Sierra Astronomy Conference, Lassen Park, California *Supernova Physics*  
**1980** Institute for Theoretical Physics Conference on Supernovae and Neutron Stars, U.C. Santa Barbara *The Effect of Ion-Ion Correlations on Neutrino Transport in Supernovae Cores*  
**1981** Institute for Theoretical Physics Conference on Particle Physics and Cosmology, U.C. Santa Barbara *Collisionless Damping in Neutrino-dominated Universes*  
**1982** Third Rencontre de Moriond (NATO ASI), La Plagne, France *Hot, Warm and Cold Dark Matter and Cooling Pancakes*  
**1983** NATO School on Stellar Evolution and Nucleosynthesis, Erice, Sicily *Massive Objects and the First Stars: I. VMOs and SMOs Through Core Helium Burning; II. VMOs Through Core Oxygen Burning, Supernovae and Black Holes*, 2 lectures

- 1983** French Workshop on the Role of Particle and Nuclear Physics in Astrophysics, Cargese, Corsica *Dark Matter, Particle Physics and Cosmology*
- 1984** American Physical Society Spring Meeting, Washington D.C. *Constraints on Dark Matter from Cosmic Background Radiation Anisotropies*
- 1984** Large Scale Structure Conference, Institute for Theoretical Physics, U.C. Santa Barbara *The Role of Massive Stars in Cosmology*
- 1984** 12th Texas Symposium on Relativistic Astrophysics, Jerusalem *Very Massive and Supermassive Objects*
- 1985** Cosmology Conference, Cambridge, England *The Cosmic Infrared Background*
- 1986** Aspen Winter Workshop on The Early Universe, Colorado *Growth and Statistics of Fluctuations and Anisotropies*
- 1986** UCSC Workshop on Nearly Normal Galaxies from the Planck Era to the Present *Testing Cosmic Fluctuation Spectra*
- 1986** Quarks and Galaxies Conference, Lawrence Berkeley Laboratory, Berkeley *Growth and Tests of Cosmic Fluctuation Spectra*
- 1986** NATO School on The Early Universe, Pearson College, Vancouver Island, British Columbia *The Cosmic Background Radiation*, 3 lectures
- 1986** Kingston Meeting on Theoretical Astrophysics, Victoria, British Columbia *Large Scale Structure from Fluctuation Spectra*
- 1986** Council for the Advancement of Science Writing ‘New Horizons in Science’ Conference, College Station, Texas *The Dilemma of Large Scale Structure in the Universe*
- 1986** 13th Texas Symposium on Relativistic Astrophysics, Chicago *Microwave Background Fluctuations: Theory and Caveats*
- 1987** Second Canadian Conference on General Relativity and Relativistic Astrophysics, *Fluctuation Spectra from Inflation with Large Scale Power*
- 1987** IAU Symposium 130, Hungary, *Quantitative Predictions of CMB Anisotropies and Distortions* (discussion leader)
- 1987** Vatican Study Week on Large Scale Motions in the Universe, Pontifical Academy, Vatican City, November, *Direct Probes of Cosmic Density Fluctuation Spectra*
- 1987** Vatican Study Week on Large Scale Motions in the Universe, Pontifical Academy, Vatican City, November, *Can Scale Invariance be Broken in Inflation?*
- 1988** Friedmann Centennial Conference, Leningrad, Soviet Union, June, *The Adiabatic Cold Dark Matter Theory of Cosmic Structure Formation*
- 1988** NATO ASI on The Epoch of Galaxy Formation, Durham University, England, July, *Constraints on The Epoch of Galaxy Formation from Cosmic Background Radiations*
- 1988** Workshop on Particle Astrophysics, U.C. Berkeley, December, *Theoretical CMB Summary*, talk
- 1989** Lake Louise Winter Institute: From Colliders to Cosmology, March, *Cosmic Structure Formation*, two lectures
- 1989** The Cosmic Microwave Background: Twenty-Five Years Later, L’Aquila, Italy, June, *Theory of CMB Anisotropies*
- 1989** NATO ASI on Baryonic Dark Matter, Cambridge, England, July, *Constraints on Baryonic Dark Matter from Cosmology*
- 1990** Aspen Winter Institute on the Cosmic Microwave Background, January, *Secondary Cosmic Backgrounds in the Near and Far IR*
- 1990** Aspen Winter Institute on the Cosmic Microwave Background, January, *Sum-*

*mary Talk: CMB Status of Gaussian Structure Formation Theories*

**1990** IUPAP Conference ‘Primordial Nucleosynthesis and the Early Universe’, Tokyo, Japan, Sept. 1990, *Cosmic Background Radiations and Galaxy Formation*

**1990** NASA Conference ‘After the First Three Minutes’, Maryland, October, *Conference Summary Talk*

**1990** UCLA International Conference on ‘Trends in Astroparticle Physics’, Santa Monica, California, November, *Gas-Induced Anisotropies of the Cosmic Background Radiation*

**1991** Winter Aspen Conference on ‘Recent Advances in Physical Cosmology’, Aspen Center for Physics, Colorado, January, *Significance of the Experimental Bounds on Radiation Backgrounds for Models of Galaxy Formation*

**1991** Conference on ‘Cosmology and Large-Scale Structure in the Universe’, 43<sup>rd</sup> Annual Meeting of the Sociedade Brasileira para o Progresso da Ciencia, Rio de Janeiro, July, *Probing Cosmic Structure with Cosmic background Radiations*

**1991** Conference on ‘Cosmology and Large-Scale Structure in the Universe’, 43<sup>rd</sup> Annual Meeting of the Sociedade Brasileira para o Progresso da Ciencia, Rio de Janeiro, July, *Conference Summary*

**1991** IAU General Assembly, Joint Discussion on the Cosmic Background Radiation, Buenos Aires, Argentina, July, *Theoretical Implications of Large Angle Anisotropies of the CMB*

**1991** Caltech Centennial Year Nuclear Astrophysics Symposium in Honor of W.A. Fowler’s 80th Birthday, Pasadena, August, *Cosmological Implications of the Microwave Background*

**1991** Caltech Centennial Conference on Large Scale Structure in the Universe, Pasadena, September, *Fluctuation Evolution and the Microwave Background*

**1991** Canadian Institute for Advanced Research Conference on Cosmology and the Faint Blue Galaxies, Banff, Alberta, December *Cosmic Mass Functions and Primeval Galaxies in the Sub-millimetre and Millimetre Bands*

**1992** The National Academy of Sciences Colloquium on Physical Cosmology, Irvine, California, March *Theory of the Cosmic Background Radiation*

**1992** Workshop on the Future of Millimeter and Submillimeter Interferometry in Canada, McMaster University, Hamilton, Ontario, April, *High Redshift Starburst Galaxies and Sub-millimetre and Millimetre Interferometry*

**1992** Black Holes, White Holes, Wormholes. A Symposium in Honour of Werner Israel, Banff, Alberta, May *Implications of the COBE Discovery of Cosmic Background Anisotropies*

**1992** Workshop on the Implications of the COBE Detection for Cosmology, Princeton University, June *Analysis Methods for Maps of the Microwave Background Radiation*

**1992** Workshop on the Implications of the COBE Detection for Cosmology, Princeton University, June *COBE and Large Scale Structure: Varying the Density Spectral Index; Hot/Cold Hybrid Models*

**1992** Canadian Astronomical Society Annual General Meeting, St. Mary’s University, Halifax, Nova Scotia, June *The Cosmic Background Radiation and Large Scale Structure*

**1992** Evolution of Galaxies and Their Environment, Third Teton Summer School, Grand Teton National Park, Wyoming, July *Introduction and Overview*

**1992** Topical Conference, SLAC Summer Institute, Stanford, California, July *COBE*,

*Cosmic Background Fluctuations, and Large Scale Structure*

**1992** IUCAA Dedication Conference, Inter-University Centre for Astronomy and Astrophysics, Pune, India, December. *Cosmic Structure Theory in the Post-COBE Era*

**1992** Cosmic Microwave Background Workshop, LBL, Berkeley, December, *CMB Theory Overview; Multi-Resolution  $\Delta T/T$*

**1993** Canadian Institute for Advanced Research Conference on Cosmology and Galaxy Clusters, Banff, Alberta, February *From COBE to Clusters:  $\Delta T/T$  &  $\sigma_8$*

**1993** Les Houches Summer School on Cosmology and Large Scale Structure, 7.5 hours of lectures on *Anisotropies and Distortions of the Cosmic Background Radiation*, France, August

**1993** The Cosmic Microwave Background: Theory, experiments and new projects, Capri, Italy, September, *CMB Power Spectrum Estimation*

**1993** Relativistic Cosmology, 8th Nishinomiya-Yukawa Memorial Symposium, Shukugawa City Hall, Nishinomiya, Japan, October, *Testing Inflationary Cosmologies*

**1994** Canadian Institute for Advanced Research Conference on Cosmology and Black Holes, Lake Louise, Alberta, March *CMB Power Spectrum Estimation and the Spectral Index from COBE and FIRS*

**1994** XXIXth Rencontres de Moriond - XIVth Moriond Astrophysics Meeting, Clusters of Galaxies, Mirabel, France, March, *Conference Summary*; also *Discussion Leader*

**1994** Large-scale Structure Beyond N-body Simulations, a Meeting in Honour of Ya.B. Zeldovich, Pune India, July, *An analysis of the Two-Year COBE Maps*

**1994** Large-scale Structure Beyond N-body Simulations, a Meeting in Honour of Ya.B. Zeldovich, Pune India, July, *The Peak-patch Picture of Cosmic Catalogues*

**1994** Lake Traverse/Lac Travers Cosmology Workshop, Algonquin Space Campus, Ontario, September, *Cosmological Parameters Derived from the COBE Two-year Data and From Smaller Angle CMB Experiments*

**1995** Workshop on Cosmic Background Radiation Fluctuations, Institute for Theoretical Physics, UC Santa Barbara, February, *General Introduction and Overview*. Panel presenter for *Theory of Sunyaev-Zeldovich Anisotropies*; *CMB Map Simulation and Analysis Issues*; Moderator of panels on: *Defect-generated c.f. Inflation-generated Primary Anisotropies*; *Status of Inflation Theory*; *Balloons and/or Space Experiments*

**1995** Canadian Institute for Advanced Research Conference on Black Hole Entropy and The Case for a Cosmological Constant, Kona, Hawaii, April *Constraining the Cosmological Constant with the Cosmic Background Radiation*

**1995** Workshop on Galaxy Formation and the Intergalactic Medium, Institute for Theoretical Physics, UC Santa Barbara, June, *The Peak-Patch Picture; Open Theoretical Issues in Galaxy Formation*

**1996** XXXI Rencontre de Moriond, Anisotropies of the Cosmic Background Radiation, Les Arcs, France, March, *The Theoretical Agenda*

**1996** CASCA Annual General Meeting, Beals Prize lecture, Kingston, Canada, June, *Cosmic Background Anisotropies and Large Scale Structure: Past, Present and Future*

**1996** Critical Dialogues in Cosmology, Princeton University 250th Anniversary, Princeton, NJ, June, *The CBR anisotropy measurements are telling us XX: One View*

**1996** Cosmology – the Big Picture, Iqaluit, NWT, Canada, August, *Measuring Cosmological Parameters with the CMB: Current State and Future Prospects*  
**1996** 12th Kingston Meeting on Theoretical Astrophysics, Halifax, Nova Scotia, October, The Cosmic Web, Large Scale Structure and Lyman Alpha Clouds  
**1996** 3rd Int. School of Particle Astrophysics: "Generation of Large Scale Cosmological Structures, Erice, Sicily, November, 3 Lectures, *Dark Matter Candidates and Cosmic Structure Formation*  
**1997**, 189th Meeting of the AAS, January, Toronto, Invited Talk, *The Theoretical Agenda in Cosmic Background Radiation Research*  
**1997**, The Lyman Alpha Forest within the Cosmic Web, CIAR meeting, Banff, February  
**1997**, Cosmic Background Anisotropies, NASA Structure and Evolution of the Universe Subcommittee Meeting, JPL, Pasadena CA, January 1997  
**1997**, The Cosmic Background Anisotropies: Theory, National Academy of Sciences Symposium, Irvine CA, March  
**1997**, Primordial Fluctuation Theory, Cambridge Conference on the CMB, Cambridge, England, April  
**1997**, The Sunyaev-Zeldovich Effect in Cluster Systems, New Mexico Conference on Clusters at Many Redshifts, May  
**1997**, Lyman Alpha Absorption in the Cosmic Web, 13th IAP conference on 'Structure and Evolution of the IGM from QSO Absorption Line Systems', July  
**1997**, Comparing CMB Data Sets, INPAC/ITP CMB Data Analysis Conference, Santa Barbara, November  
**1998**, Royal Society Meeting on Large Scale Structure, London, March, Constraining Large Scale Structure Theories with the Cosmic Background Radiation  
**1998**, CASCA Annual General Meeting, Quebec City, May, Cosmic Parameters from the CMB  
**1998**, "Wide Field Surveys in Cosmology", XIV IAP Colloquium Conf., Paris, May, Theoretical Tools for Cosmic Structure  
**1998**, CIAR Cosmology and Gravity Program Annual General Meeting, Bar Harbour, Newfoundland, May, CMB Anisotropies and Other Topics  
**1998**, Cosmology and Particle Physics Conference, CERN, June, Theory of CMB Temperature Fluctuations  
**1998**, Canadian Association of Physicists Annual General Meeting, Waterloo, June, Probing the Cosmic Web from Ultra Large Scales to the Rather Small  
**1998**, Kingston Meeting, Hamilton, October, Peak Patches and the Cosmic Web at High and Low Redshifts  
**1999**, Pritzker Symposium on the Status of Inflationary Cosmology, January 1999, Chicago, Theoretical Perspective  
**1999** FIRST/Planck Meeting, Vancouver, BC, May, Canada & the Planck Surveyor  
**1999** NATO ASI on Structure Formation in the Universe, Newton Institute for Mathematical Sciences, Cambridge, July, CMB Analysis: I, II  
**1999** NATO Meeting on Structure Formation in the Universe, Newton Institute for Mathematical Sciences, Cambridge, July, Summary Panelist  
**1999** Cosmic Evolution and Galaxy Formation, Puebla, Mexico, Nov 15-19, CMB and Cosmic Structure Formation  
**1999** Fundamental Cosmological Parameters, Newton Institute for Mathematical Sciences, Cambridge, Dec., Analysis of New CMB Data Sets

**2000**, CIAR Cosmology and Gravity Workshop, Banff, *CMB Analysis*  
**2000** Institute for Theoretical Physics, Santa Barbara, March, The Cosmic Background Radiation and Galaxy Formation  
**2000** Neutrino 2000, Sudbury, June, The Cosmic Background Radiation circa  $\nu 2K$   
**2000** Institute for Theoretical Physics, Santa Barbara, July, Cosmic Parameters from all CMB and LSS Data  
**2000** CAPP 2000, Verbier, Switzerland, July, The Cosmic Background Radiation, Past and Future  
**2000** IAU Symposium 201, Manchester, UK, August, CMB Analysis and Cosmological Parameters  
**2000** Kingston 2000, Toronto, August, CMB Analysis at CITA  
**2000** Planck HFI Meeting, Paris, October, Review of Sunyaev Zeldovich Science with Planck  
**2000** American Physical Society/ American Association of Physics Teachers Joint Meeting, Fall 2000 Symposium on “Cosmology, Strings and Particle Physics”, Buffalo NY, October, The Parameters of Cosmic Structure Formation  
**2000** CNBnet Meeting, Oxford, December, The Quintessential CMB  
**2001** Planck Science Meeting, ESTEC, Holland, February, Angular Power Spectrum Estimation  
**2001**, CIAR Cosmology and Gravity Workshop on String Theory and Cosmology, Banff, *Cosmological Parameters from the CMB and LSS*  
**2001**, Ninth Canadian Conference on General Relativity and Relativistic Astrophysics, Edmonton, May, *The Parameters of Cosmic Structure Formation Measured with Current CMB Data*, published on the conference web site, <http://www.math.ualberta.ca/ccgrra>  
**2001**, American Astronomical Society, Special Session on the CMB, Pasadena, June, *Cosmological Parameters from Combined CMB Experiments*  
**2001**, TAW8, High-z Clusters, Missing Baryons, and CMB Polarization, Taiwan, June, *Cosmological Implications of Current Primary CMB Anisotropy Data*  
**2001**, TAW8, High-z Clusters, Missing Baryons, and CMB Polarization, Taiwan, June, *Probing SZ Source Detection with Hydrodynamical Simulations*  
**2001**, TAW8, High-z Clusters, Missing Baryons, and CMB Polarization, Taiwan, June, *Conference Summary*  
**2002**, MRST Conference on Theoretical Physics, Perimeter Institute, Waterloo, ON, May, *Cosmological parameters obtained from new data from the BOOMERANG experiment*  
**2002** CIAR 20\*20 All Program Conference, Victoria, B.C., June, *Measuring the Parameters of the Universe, a Primordial Sound and Light Show*  
**2002** American Astronomical Society Meeting, Dannie Heineman Prize Lecture, June, *The CMB-osis of Cosmic Fluctuations*  
**2002**, Meeting honouring Sir Martin Rees, “Making Light of Gravity” Cambridge, UK, July, *Analysis of CMB fluctuations, future experiments*  
**2002**, National Academy of Sciences Sackler Colloquium, “Challenges to the Standard Paradigm: Fundamental Physics and Cosmology” Irvine, CA, November, *Cosmic Microwave Background*  
**2003**, Royal Society Scientific Discussion Meeting, “The Search for Dark Matter and Dark Energy in the Universe”, London, UK, Jan 22, *Dark Evidence from Cosmic*

*Light: a (pre-MAP) Cosmic Microwave Background Snapshot*  
**2003**, CIAR Cosmology and Gravity Annual Meeting, Mont Tremblant, March, *Comparing pre-WMAP and post-WMAP Spectra and Cosmological Parameters*  
**2003**, XVth Rencontres de Blois, Physical Cosmology: New Results in Cosmology and the Coherence of the Standard Model, June 15-20, Blois, France, *CMB Analysis post-WMAP & the High Multipole Frontier*  
**2003**, Peyresq Physics 8, The Early Universe: Confronting Theory with Observations, June 22-27, Peyresq, France, *CMB Analysis and Phenomenology I: Grand Unified Spectra, Peaks, Dips and Damping, Calibration*  
**2003**, Peyresq Physics 8, The Early Universe: Confronting Theory with Observations, June 22-27, Peyresq, France, *CMB Analysis and Phenomenology II: Cosmological Parameters and Near-Degeneracies*  
**2003**, Peyresq Physics 8, The Early Universe: Confronting Theory with Observations, June 22-27, Peyresq, France, *The Cosmic Web of Large Scale Structure and the Sunyaev-Zeldovich Effect*  
**2003** Perturbations on the Brane Workshop, DAMTP, Cambridge, UK, July *The CMB Probes of the Universe*  
**2003** The Sunyaev-Zeldovich Effect and Cosmology Conference, University of Chicago, September 17-20  $\sigma_8$ , *the SZ Effect & the CBI/BIMA/ACBAR 'Extra Power'*  
**2003** The Sunyaev-Zeldovich Effect and Cosmology Conference, University of Chicago, September 17-20 *Summary Panel: Robustness and Cluster Physics*  
**2003**, The Kavli-CERCA Conference on the Future of Cosmology, Case Western Reserve University, Oct 10-12, *CMB Panel: The CBI High L Anomaly, Status and Lessons for the Future*  
**2003**, Early Universe Focus Group, Perimeter Institute, CITA, CIAR, Toronto, Oct 2, *CMB & Fundamental Physics*  
**2003**, Kingston Meeting, Vancouver, November, *Cosmology for String Theorists*  
**2004**, Second Planck Symposium, Orsay, France, January, *The CMB Landscape circa 2008: Mocking Forecasts*  
**2004**, CIAR Cosmology and Gravity Annual Meeting, Banff, March, *The Terrain of Planck in the CMB Landscape*  
**2004**, New Horizons in String Cosmology, Banff International Research Station for Mathematics, June, *Cosmic Probes of Early Universe Physics*  
**2004**, XXth IAP Colloquium, CMB Physics and Observations, Institut d'Astrophysique de Paris, June 28 - July 2, *Cosmic Parameters*  
**2004**, Plumian 300 - The Quest for a Concordance Cosmology and Beyond, Institute of Astronomy, Cambridge, July, *Discord in Concordance*  
**2004**, The Future of Physics, KITP, UC Santa Barbara, October, *The Phenomenology of Dark Energy and Cosmic Acceleration*  
**2004**, CIAR/MPA Focus Group, Garching, November, *Polarization Results from the Cosmic Background Imager*  
**2004**, CIAR/CITA/PI Focus Group, Toronto, December, *Early and Late Inflation Theory cf. the CMB and Large Scale Structure*  
**2005**, CIAR Cosmology and Gravity Annual Meeting, Mont Tremblant, Quebec, March, *CMB Overview: Central Questions, Now and Future*  
**2005**, Canadian Astronomical Society Annual Meeting, Montreal, May, *The Terrain for Planck in the CMB Landscape*

**2005**, Computational Cosmology, ICTP, Trieste, Italy, May – June, —it Computational Issues in Cosmic Microwave Background Analysis, Now & Then  
**2005**, Strings 2005, Toronto, July 11-16, *Measuring Cosmic Parameters: the Phenomenology of Early to Late Universe Physics*  
**2005**, Cosmological Landscape: Strings, Gravity and Inflation, Korean Institute for Advanced Study, Seoul, Korea, September 20-24, *The CMB and LSS, Now & Then, and Inflation, Then & Now*  
**2005**, Frontiers of Cosmology, Perimeter Institute, October, *The CMB + LSS Probes, Now & Then, and Inflation, Then & Now*  
**2005**, Strings and the Cosmic Web, Groningen, Netherlands, Nov-Dec, *Inflation in Light of the Cosmic Web, Then and Now and Then*  
**2006**, The CIAR Cosmology & Gravity Annual Meeting, Banff, Alberta, February, *Cosmic Background Imager TT, TE and EE Spectra and Implications; Inflation Trajectories and the Gravity Wave Induced B mode of Polarization*  
**2006**, Confronting Gravity: A Workshop to Explore Fundamental Questions in Gravitation and Cosmology, St. Thomas, US Virgin Islands, March, *Inflation, Gravity Waves and the CMB*  
**2006**, Frontiers of Astrophysics, Library of Alexandria, Egypt, March-April, three lectures: *L1: The Cosmic Microwave Background and the Thermal History of the Universe; L2: The Cosmic Microwave Background and the Fluctuation History of the Universe and Basic Cosmological Parameters; L3a: Measuring Cosmic Parameters; L3b: Cosmic Microwave Background Frontiers: Secondary Anisotropies and Polarization and Gravity Waves*  
**2006**, Theory Canada 2, Waterloo, Perimeter Institute, June, *Inflation, Gravity Waves & the CMB*  
**2006**, Kingston in Kingston, a Canadian Theory Meeting Honouring Dick Henriksen, Kingston, July, *Constraining Inflation Trajectories with the CMB and Large Scale Structure*  
**2006**, Modern Cosmology, Inflation, CMB and LSS, Benasque Center for Sciences, Spain, August, *Constraining Inflation Trajectories with the CMB and Large Scale Structure: Dynamical and Resolution Trajectories/Histories, for Inflation Then & Now*  
**2006** Unruh & Wald Fest: A Celebration of the Careers & 60th Birthdays of WG Unruh & RM Wald, Vancouver, August, *Inflation, Gravity Waves & the CMB + LSS*  
**2006**, Cosmo06, Lake Tahoe, California, September, *Inflation, Gravity Waves & the CMB + LSS: Dynamical and Resolution Trajectories/Histories, for Inflation Then and Now*  
**2006**, String Cosmology and Inflation, Perimeter Institute, Waterloo, October, *Gravity Waves, Statistical Inflation and Kahler Moduli Inflation*  
**2006**, JGRG16, 16th Workshop on General Relativity and Gravitation, Niigata, Japan, November, *Constraining Inflation Histories with the CMB and Large Scale Structure*  
**2007**, 9th North Eastern Conference on String Cosmology, New York Academy of Sciences, May *Inflation, Then & Now and Cosmic Probes, Now & Then*  
**2007**, CIFAR07, Annual Meeting, Whistler, BC, May *Dynamical Trajectories for Inflation Then and Now*  
**2007**, Dark Side of the Universe 07, University of Minnesota, June, *Dynamical Tra-*

*jectories for Inflation now & then*

**2007**, PASCOS07, Imperial College, UK, July, *Inflation & its Cosmic Probes, now & then*

**2007**, CITA/CIFAR Workshop on Numerical relativity and Gravitational Radiation, Toronto, August, *Zero Point Gravity Wave Fluctuations from Inflation*

**2007**, Fundamentals of Cosmology, Perimeter Institute, Waterloo, September, *Inflation & its Cosmic Probes, now & then*

**2007**, Workshop on String Theory, Gravity and Cosmology, Kavli Institute for Theoretical Physics China (KITPC), Beijing, November, *Inflation & its Cosmic Probes, now & then*

**2007**, Workshop on String Theory, Gravity and Cosmology, Kavli Institute for Theoretical Physics China (KITPC), Beijing, November, *The Cosmic Web & the CMB High Resolution Frontier*,

**2007**, Symposium on Particle Cosmology, DESY, Hamburg, Germany, December, *Inflation & its Cosmic Probes, now & then*

**2007**, Very Early Universe 25 Years Later, DAMTP, Cambridge University, UK, December, *Constraining Inflation Trajectories, now & then*

**2008**, CIFAR08/Lindefest, SLAC and Stanford, *Constraining Cosmic Acceleration Trajectories*, March

**2008**, CASCA08, Victoria, BC, *The Cosmology of Now and Then Through the First Light*, May

**2008**, Texas Symposium on Relativistic Astrophysics, Vancouver, British Columbia, *CMB Polarization, Past, Present & Future*, Dec

**2008**, Miami 2008, A Conference on elementary particle physics, astrophysics, and cosmology, Fort Lauderdale, Florida, *Constraining Trajectories of Dark Energy Inflatons*, Dec

**2009**, Workshop on "Random functions and random surfaces", Centre de Recherches Mathematiques, St Agathe, Quebec, *The Past, Present & Future of Random Fields in Cosmology; Random Fields in Early Universe Cosmology*, Jan

**2009**, CIFAR09, Mont Tremblant, Quebec, *Approaching the Planck Era*, March

**2009**, IPMU Workshop: "Focus week on non-Gaussianities in the sky", Institute for Physics and Mathematics of the Universe, Tokyo, Japan, *Gaussian & non-G Random Fields in Early Universe Cosmology: Then and Now*, April

**2009**, " the Sunyaev-Zeldovich Universe and the Future of Cluster Cosmology", Perimeter Institute, Waterloo, Ontario, *the Power in Sunyaev & Zeldovich, then & now*, April

**2009** Opening of the Kavli Institute for Cosmology in Cambridge, Institute of Astronomy, Cambridge University, Cambridge, UK, *Cosmology & Fundamental Physics aka Prob(Theory|Data)*

**2009** CITA/PI/CIFAR Focus Group Meeting, Perimeter Institute, *Lev Kofman's Legacy*, Dec

**2009** Opening of the Institute for Particle Cosmology, University of Pennsylvania, *The Cosmotician's Agenda: Statistical Paths in Cosmic Theory & Data*, Dec

**2010**, CIFAR10, Lake Louise, Alberta, *Lev Kofman and the CIFAR Cosmology & Gravity Program* Feb

**2010**, CIFAR10, Lake Louise, Alberta, *Paths in the Early and Late Universe with Lev Kofman* Feb

**2010** The Future of Observational Cosmology: A Symposium in Memory of Andrew Lange, Caltech, *Our CMB Horizons, Closing Talk*, May  
**2010** CITA@25/BondFest, Toronto, *Remembering Lev Kofman and His Science*, May  
**2010** CITA@25/BondFest, Toronto, *Paths in our Cosmic Landscape: 60 years of Bond-Aging*, May  
**2010** Canadian Association of Physicists Annual Meeting, Toronto, *Cosmic Sports with Lev Kofman: Early & Late U Inflation*, June  
**2010** Canadian Association of Physicists Annual Meeting, Toronto, *how the first cosmic light illuminates the Dark Universe*, CAP Lifetime Achievement Medal Talk, June  
**2010** Cosmological Frontiers in Fundamental Physics, Perimeter Institute, Waterloo, *CMB Frontiers: dark energies, polarization, high resolution, non-Gaussianity*, June  
**2010** Galaxy clusters: observations, physics and cosmology, Garching, Germany, *The Impact for ACT + Planck + SPT of AGN Feedback on SZ Power Spectra*, July  
**2010** CITA/PI/CIFAR Focus Group Meeting, University of Toronto, *Kinetic Contributions to Gas and Dark Matter Entropy in Clusters; Panel on Atacama Cosmology Telescope Results*, Sept  
**2011** Planck2011: The Millimeter and Submillimeter Sky in the Planck Mission Era, Paris, *the Sunyaev-Zeldovich Probes of Gas in the Cosmic Web: Overview*, Jan  
**2011** Planck2011: The Millimeter and Submillimeter Sky in the Planck Mission Era, Paris, *Conference Summary*, Jan  
**2011** The Planck Early Results, CITA/PI Focus Group, Feb, Waterloo  
**2011** Status of the Theory of the Sunyaev-Zeldovich Effect, The Princeton Planck Workshop, Princeton University, Feb  
**2011** Synergy between Clusters & other cosmological probes, Monsters, Inc, KITP, UCSB, Mar  
**2011** The Planck2011 Release, and Forecasts of Planckian Cosmology, CIFAR11, Cosmology and Gravity Program Annual Meeting, Whistler BC, Apr  
**2011** Cluster Information from Compton Heating of the CMB: ACT, Planck & Theory, "Galaxies in the Dark", Cafayate, Argentina, Aug  
**2011** Thirty Years with Carlos Frenk and Simon White, after dinner presentation, "Galaxies in the Dark", Cafayate, Argentina, Aug  
**2011** The Shock-in-Time from Post-inflation Preheating: a CITA View of Entropy Generation, Mediation & Post-shock Evolution, "Pre-Planck Inflation", Minneapolis, Minnesota, Oct  
**2011** Probing the Cosmic Theory of Early and Late Universe Physics, 7th International Conference on Gravitation and Cosmology [ICGC], Goa, India, Dec  
**2012** the Shock-in-Times of Entropy/Information Generation in Post-inflation Preheating, CIFAR12, Cosmology and Gravity Program Annual Meeting, Whistler BC, Apr  
**2012** Cosmic Information Theory & Analysis, National Academy of Sciences Annual Meeting, Washington DC, Apr  
**2012** Astrophysical Computing, Then and Now and Then, after dinner speech, Numerical Cosmology Conference, DAMTP, Cambridge, July  
**2012** Power Spectra and Likelihood For Planck: an Overview, Planck Special Joint Core Team Meeting, Radio Astronomy Institute, Bologna, Sept  
**2012** Let There Be Heat: the Shock-in-Times of Post-inflation Preheating, Gravity

and Cosmology 2012, Yukawa Institute, Kyoto University, November 20

**194 total**

### CONFERENCE CONTRIBUTED TALKS AND POSTER PAPERS

- 1977** U.C. Santa Cruz Workshop on Supernovae and Nucleosynthesis *Neutrino Equilibration in Supernova Cores*, talk
- 1979** Aspen Workshop on Supernovae, Aspen, Colorado *Nuclear Dissociation in Supernova Shocks*, talk
- 1980** American Astronomical Society Meeting, San Francisco *Entropology of Supernovae*, talk
- 1981** NATO Advanced Study Institute on Supernovae, Cambridge, England *Neutrino Fireballs*
- 1981** NATO Advanced Study Institute on Supernovae, Cambridge, England *The Fate of Very Massive Objects: Pair Supernovae or Black Holes?*
- 1982** Aspen Workshop on Galaxy Formation, Aspen, Colorado *Fluctuation Evolution with Different Types of Dark Matter*
- 1984** Inner Space/Outer Space, Fermilab, Illinois *Constraints on Dark Matter from Microwave Background Fluctuations*
- 1985** Cosmology Workshop, U.C. Berkeley *Gaussian Statistics of Fluctuations*
- 1985** CIAR (Canadian Institute for Advanced Research) Cosmology Workshop, Toronto *Problems in Statistical and Dynamical Clustering*
- 1985** CIAR Cosmology Workshop, Banff *Growth of Cosmic Fluctuations and CMB Anisotropies*
- 1986** NATO Conference on The Universal Expansion and Deviations from the Hubble Flow, Kona, Hawaii *Large Scale Structure in Universes Dominated by Cold Dark Matter*
- 1986** 13th Texas Symposium on Relativistic Astrophysics, Chicago *The Missing Link: Lyman Alpha Clouds as Relics of Primordial Fluctuations*, poster paper
- 1986** 13th Texas Symposium on Relativistic Astrophysics, Chicago *Cosmic Fluctuation Spectra with Large Scale Power*, poster paper
- 1987** CIAR Cosmology Workshop, Banff *Large Scale Cosmic Structure and Biased Galaxy Formation: Current Research*
- 1987** Delta T Over Tea Workshop, Secondary Anisotropies of the CMB, CITA, May (organizer)
- 1987** IAU Symposium 130, Hungary, *Cosmic Fluctuation Spectra With Large Scale Power*, poster paper
- 1987** IAU Symposium 130, Hungary, June, *The Angular Correlation Function of Galaxies*, poster paper
- 1987** IAU Symposium 130, Hungary, June, *Lyman Alpha Clouds as a Relic of Primordial Fluctuations*, poster paper
- 1988** CIAR Fellows Conference, Lac Ste. Marie, Quebec, October, *What We Can Learn From Cosmic Background Radiations*
- 1989** Computing Cosmologies Workshop, CITA, April, *Smooth Particle Hydrodynamics and Lyman Alpha Clouds* (organizer)
- 1990** Workshop on Quantum Cosmology and Exotic Ideas for Structure Formation, UBC, May, *Limits on Inflation Fluctuations from the South Pole CMB Anisotropy*

*Experiment*

**1991** Canadian Astronomical Society General Meeting, York University, June, *The Formation of Cosmic Structure with a 17 keV Neutrino*

**1991** Canadian Astronomical Society General Meeting, York University, June, Poster (with Steve Myers), *Galaxy Clustering Using the Hierarchical Peaks Method: X-ray, SZ and FIR Predictions*, poster paper

**1991** NATO Conference on Clusters and Superclusters of Galaxies, Cambridge, England, July, *Applications of the Hierarchical Peaks Method for Constructing Cluster Catalogues*

**1992** Evolution of Galaxies and Their Environment, Third Teton Summer School, Grand Teton National Park, Wyoming, July *Cluster Evolution as a Probe of Primordial Density Fluctuations*, poster paper (with Steve Myers)

**1992** Evolution of Galaxies and Their Environment, Third Teton Summer School, Grand Teton National Park, Wyoming, July *Primeval Galaxies in the Sub-mm and mm and COBE*, poster paper (with Steve Myers)

**1993** The Cosmic Microwave Background: Theory, experiments and new projects, Capri, Italy, September, *Bayesian Analysis of COBE's DMR Maps*

**1993** Workshop for the SAMBA Mission, Institut d' Astrophysique Spatiale, Orsay, France, December *Primary Anisotropies Should Be Primary, Secondary Secondary*

**1994** XXIXth Rencontres de Moriond - XIVth Moriond Astrophysics Meeting, Clusters of Galaxies, Mirabel, France, March, *Comparing the Ambient Sunyaev-Zeldovich Effect from Clusters with Primary CMB Anisotropies*, poster paper (with Steve Myers)

**1996**, 12th Kingston Conf., Halifax, Oct., *SPH P<sup>3</sup>MG Simulations of the Lyman- $\alpha$  Forest*, poster paper

**1996**, 18th Texas Symposium on Relativistic Astrophysics, poster paper, Chicago, December, *The Lyman- $\alpha$  Forest within the Cosmic Web*, poster paper

**1996**, 18th Texas Symposium on Relativistic Astrophysics, Chicago, December, poster paper, *Constraints on Compact Hyperbolic Spaces from COBE*, J.R. Bond, D. Pogosyan and T. Souradeep

**1997**, 189th Meeting of the AAS, January, Toronto, Poster Paper, *MHD with SPH: Application to the High Redshift IGM* J. Murray, J.W. Wadsley, J.R. Bond

**1997**, 189th Meeting of the AAS, January, Toronto, Poster Paper, *The Cosmic Web and Filaments in Cluster Patches* D. Pogosyan, J.R. Bond, L. Kofman, J.W. Wadsley

**1997**, 189th Meeting of the AAS, January, Toronto, Poster Paper, *The Lyman- $\alpha$  Forest within the Cosmic Web*, J.W. Wadsley, J.R. Bond

**1999**, Canadian Astronomical Society Annual General Meeting, June, Halifax, Poster Paper, *The Planck Satellite*, J.R. Bond, M. Halpern, D. Scott

**2000**, Canadian Astronomical Society Annual General Meeting, May, Vancouver, Poster Paper, *Estimates of Cosmological Parameters from Boomerang. Maxima-1 and COBE*, J.R. Bond, D. Pogosyan and the Boomerang and Maxima Teams

**2000**, Kingston 2000 Meeting, August, Toronto, Poster Paper, *CMB Analysis & the Cosmic Parameters  $\{\Omega_{tot}, \Omega_b h^2, \Omega_{cdm} h^2, \Omega_\Lambda, n_s\}$* , J.R. Bond, D. Pogosyan, S. Prunet and the Boomerang and Maxima Teams

**2000**, Kingston 2000 Meeting, August, Toronto, Poster Paper, *Quintessence  $\{\Omega_Q, w_Q\}$  using Boomerang. Maxima-1, Boom-97, toco, DMR and other prior-CMB Experiments*, K. Sigurdson, J.R. Bond, D. Pogosyan, S. Prunet

**2001**, CASCA Annual General Meeting, Hamilton, May, Toronto, Poster Paper, and published abstract in RASC, *Probing SZ Source Detection with Hydrodynamical Simulations*, M. Ruetalo, J.R. Bond, J. Wadsley, M. Gladders  
**2001**, Durham Meeting, Durham, September, Poster Paper, *Probing SZ Detection with Hydrodynamical Simulations*, M. Ruetalo, J.R. Bond, J. Wadsley, M. Gladders  
**2002**, AAS Annual Meeting, Albuquerque, June, *Cosmology with the Cosmic Background Imager*, T.J. Pearson, J.R. Bond, ...  
**2006**, Planck Consortium Meeting, Ischia, Italy, April, *Spider: a Balloon-borne Polarimeter Experiment for Measuring Large Angular Scale CMB B-modes*, C.J. MacTavish, P.A.R. Ade, R. Bihary, J.J. Bock, J.R. Bond, et al. (Spider Collaboration)  
**2007** Exploring the Magnetized Cosmic Web through Low Frequency Radio Emission, N. Battaglia, C. Pfrommer, J. Sievers, J..R. Bond, poster at CASCA, June  
**2007**, Planck Consortium Meeting, Toulouse, France, June, *Daily Monitoring of the Planck High Frequency Instrument*, C.J.. MacTavish, J..R. Bond, B.P. Crill, M..A.. Miville-Deschenes, C.B. Netterfield  
**2008**, poster at the CASCA Annual General Meeting, Victoria BC, May *Spider: A suborbital polarimeter for inflation, dust, and the epoch of reionization*  
**2008**, poster at COSPAR, Montreal, July *Exploring the Magnetized Cosmic Web through Low Frequency Radio Emission*, N. Battaglia, C. Pfrommer, J. Sievers, J..R. Bond, T. Esslin,  
**2008**, poster at "Putting Gravity to Work: from black holes to galaxy clusters", the Andy Fabian Fest, Institute of Astronomy, Cambridge UK, July, *Exploring the Magnetized Cosmic Web through Low Frequency Radio Emission*, N. Battaglia, C. Pfrommer, J. Sievers, J.R. Bond, T. Ensslin,  
**2008**, poster at Centre for Theoretical Cosmology Workshop on Non-Gaussianity from Fundamental Physics, Centre for Mathematical Sciences, Cambridge University, Sept 8-10, *Limit on Non-Gaussianity from massless preheating*, Dick Bond, Andrei Frolov, Zhiqi Huang, Lev Kofman; also Discussion Leader and Session Chair  
**2010** JCSA Meeting, Halifax, remote presentation, *the Post-launch CSA-Planck-HFI Contract*, May  
**2010** poster at Galaxy clusters: observations, physics and cosmology, Garching, Germany, *How non-thermal processes in the intracluster medium affect the Sunyaev-Zeldovich angular power spectrum*, N. Battaglia, J.R. Bond, C. Pfrommer, J. Sievers, D. Sijacki  
**2011** poster at CASCA, London Ontario, An Entropy Figure of Merit for the Dark Energy EOS, June, J.R. Bond, Z. Huang, June  
**2011** poster at CASCA, London Ontario, Entropy in Preheating, J. Braden, J.R. Bond, June  
**2011** poster at COSMO11, Porto, Portugal, Recombination Trajectories, M. Fahrang, J.R. Bond, O. Dore, B. Netterfield, Sept  
**54 total**

#### OTHER CONFERENCES ATTENDED

**1974** VIIth Texas Symposium on Relativistic Astrophysics, Dallas, Texas  
**1976** Workshop on Supernovae, Chicago  
**1979** Sierra Astronomy Conference, Mono Lake, California

**1980** U.C. Santa Cruz Workshop on Nucleosynthesis  
**1980** NATO Advanced Study Institute on Normal Galaxies, Cambridge  
**1981** Symposium in Honor of Willy Fowler's 70th Birthday and Kellogg Radiation Lab's 50th Anniversary  
**1982** I.A.U. Symposium No. 104, Early Evolution of the Universes and the Formation of Large Scale Structure, Crete, Greece  
**1984** NATO Advanced Study Institute on Galaxy Formation, Santa Barbara  
**1985** Galaxy Formation Conference, Toronto  
**1986** Gravitational Lens Workshop, Toronto  
**1988** CIAR Cosmology Workshop, Vancouver, B.C.  
**1988** The Mass of the Galaxy, A Workshop, Toronto  
**1988** Dense Stellar Systems Workshop, Toronto  
**1990** American Astronomical Society Meeting, Washington  
**1990** American Physical Society Meeting, Washington, April  
**1991** American Astronomical Society Meeting, Philadelphia  
**1992** American Astronomical Society Meeting, Atlanta, January  
**1992** Texas/PASCOS Conference, Berkeley, December  
**1995** Dynamo Workshop, Institute for Theoretical Physics, UC Santa Barbara, May  
**1996** CASCA Annual General Meeting, Queen's University, June  
**1997** CASCA Annual General Meeting, University of Alberta, June  
**1998** CASCA Annual General Meeting, Laval University, May  
**1999** CASCA Annual General Meeting, St Mary's University, June  
**1999** Data Analysis Workshop, Isaac Newton Institute, August, Cambridge  
**1999** Fundamental Physics and Cosmology, Isaac Newton Institute, August, Cambridge  
**1999** Royal Astronomical Society Annual General Meeting, August, Guernsey  
**2000** CASCA Annual General Meeting, UBC May  
**2001** CASCA Annual General Meeting, McMaster University, May  
**2002** CASCA Annual General Meeting, DRAO, Penticton BC, May  
**2002** CIAR Cosmology and Gravity Program Annual Meeting, April Point, Vancouver Island BC, June  
**2002** Carnegie Conference on Cosmological Parameters, Pasadena CA, November  
**2003** Planck Working Group on CTP, Temperature and Polarization Power Spectra, Cambridge, UK, January  
**2003** Planck Working Group on Foreground Separation, Paris, France, March  
**2003** Boomerang Working Group on CMB Polarization, Frascati, Italy, May  
**2003** CBI Focus Group Meeting, Pasadena, October  
**2003** Planck HFI L2 Meeting, Proquerelle France, October  
**2003** CBI Focus Group Meeting, Toronto, December  
**2011** Planck Workshop, Princeton Center for Theoretical Science, Princeton, Feb  
**2012** Cluster Workshop, Princeton Center for Theoretical Science, Princeton, April

## **PUBLIC LECTURES AND ASTRONOMY AND PHYSICS COLLOQUIA**

**1977** Neils Bohr Institute Colloquium, Copenhagen *Light Element Production in Relativistic Heavy Ion Collisions*  
**1980** Physics Colloquium, University of British Columbia, Vancouver *Entropy, Neutrinos and Supernovae*  
**1980** Nordita Colloquium, Copenhagen, *Massive Neutrinos and Galaxy Formation*  
**1980** Max Planck Institute for Astrophysics Colloquium, Garching bei Munchen,

West Germany, *Massive Neutrinos and Galaxy Formation*

**1981** Astronomy Colloquium, University of Texas, Austin, *Massive Neutrinos and Pancakes*

**1982** Physics Colloquium, Stanford, *Dark Matter Candidates and Cosmic Structure Formation*

**1982** Astronomy Colloquium, University of Chicago, *Dark Matter Candidates and Cosmic Fluctuations*

**1982** Astronomy Colloquium, U.C. Santa Cruz, *Dark Matter Candidates and Cosmic Fluctuations*

**1982** Astronomy Colloquium, Royal Greenwich Observatory, Herstmonceux, England, *Dark Matter and Cosmic Fluctuations*

**1982** Physics Colloquium, Saclay, Paris, *The Particle Physics of Dark Matter Candidates and The Evolution of Cosmic Fluctuations*

**1983** Astronomy Colloquium, Queen Mary College, London, England, *Dark Matter and Cosmic Structure Formation*

**1983** Astronomy Colloquium, Institute of Astronomy, Cambridge, England, *Cosmology and Cooling Pancakes*

**1984** Physics Colloquium, Stanford, *Massive Objects and the First Stars*

**1984** Astronomy Colloquium, University of Toronto, *Microwave Background Anisotropies*

**1984** Astronomy Colloquium, MIT, *Microwave Background Anisotropies*

**1985** Astronomy Colloquium, Los Alamos National Laboratory, New Mexico *Microwave Background Fluctuations*

**1985** Astronomy Colloquium, U.C. Berkeley, *Microwave Background Fluctuations*

**1986** Astronomy Colloquium, University of Washington, Seattle *Primary and Secondary Microwave Background Anisotropies*

**1987** Physics Colloquium, Queen's University, Kingston, Ontario, *The Texture of the Universe on Large Scales*

**1987** Astronomy Colloquium, University of Montreal, Quebec, *Cosmic Fluctuation Spectra with Large Scale Power*

**1987** Principia Celebration Public Lecture, University of Alberta, Edmonton, September, *The Mystery of Cosmic Dark Matter*

**1987** Lecture to High School Science Teachers, University of Alberta, Edmonton, September, *The Mystery of Cosmic Dark Matter*

**1987** Astronomy Colloquium, University of Western Ontario, London, Ontario, October, *The Dilemma of Large Scale Cosmic Structure*

**1988** Physics Colloquium, University of British Columbia, Vancouver, January, *The Dilemma of Large Scale Cosmic Structure*

**1988** The All-Moscow Cosmology Colloquium Series, Moscow State University, USSR, June, *Dusty Primeval Galaxies and Sub-millimetre Background Radiation*

**1988** Joint Royal Canadian Institute and Canadian Royal Astronomical Society Public Lecture, Toronto, March, *The Dark Matter of the Big Bang*

**1988** Physics Colloquium, University of Toronto, March, *The Dilemma of Large Scale Cosmic Structure*

**1989** Astronomy Colloquium, University of Calgary, March, *Distortions and Anisotropies of The Cosmic Background Radiation*

**1989** Astronomy Colloquium, University of Michigan, April, *Distortions and Anisotropies of The Cosmic Background Radiation*

**1989** Astronomy Colloquium, University of Chicago, November,  $\frac{\Delta T}{T}(\theta, \lambda, \text{HERE, NOW})$

**1990** Applied Mathematics Colloquium, Monash University, February, *The Cosmic Background Radiation as a Cosmological Probe*

**1990** Astronomy Colloquium, Ohio State University, March, *Cosmological Implications of Recent Cosmic Background Radiation Experiments*

**1991** Astronomy Colloquium, Columbia University, November, *Large Scale Structure and the Relict Background Radiation*

**1992** Physics Colloquium, Melbourne University, Melbourne, Australia, February, *The Cosmic Background Radiation and Large Scale Structure in the Universe*

**1992** Applied Mathematics Colloquium, Monash University, Clayton, Australia, February, *Cosmic Gas Dynamics and the Hierarchical and Constrained Peaks Methods*

**1992** Canadian Institute for Advanced Research, CIAR Headquarters, Toronto, June *Cosmology and the COBE Satellite*

**1992** Ontario Science Centre Colloquium, Toronto, September *The Cosmic Glow from the Big Bang*

**1992** Canadian Perspectives, University of Toronto Alumnae Association Colloquium Series, Toronto, September *The Big Bang*

**1992** Massey College Seminar Series, Toronto, October *The Big Bang and the Cosmic Afterglow*

**1992** Astronomy Colloquium, Cornell University, Ithaca NY, November, *Cosmic Structure Theory in the Post-COBE Era*

**1993** Physics and Astronomy Colloquium, York University, Toronto, April, *Cosmic Structure Theory in the Post-COBE Era*

**1993** Astronomy Colloquium, University of Toronto, Toronto, April, *Cosmic Structure in the Post-COBE Era*

**1993** Astronomy Colloquium, ESO, Garching, Germany, December, *Measuring Cosmological Parameters with CMB Anisotropies*

**1994** Astrophysics Colloquium, Astrophysikalisches Institut, Potsdam, Germany, January, *How Well Can Inflation Be Tested with the Cosmic Background Radiation?*

**1994** Physics Colloquium, North Bengal University, Siliguri, India, August, *COBE and Cosmic Structure*

**1995** Physics and Astronomy Colloquium, New York University, Manhattan, December, *Probing Cosmic Structure: Past, Puzzles and Prospects*

**1997**, Astronomy Colloquium, University of Colorado, Boulder CO, March, *The Cosmic Web, Large Scale Structure and Lyman Alpha Clouds*

**1997** Canadian Institute for Advanced Research, Royal Bank Board Room, Toronto, May *The Photon Afterglow of the Big Bang*

**1997** Physics Colloquium, Stanford, May, *The Theoretical Agenda in Cosmic Background Radiation Research*

**1997** Research of Royal Society Fellows, Fields Institute, University of Toronto, May, *Cosmic Structure Formation*

**1997** Institute for Advanced Study, Princeton, November, *The Cosmic Web and the Lyman Alpha Forest*

**1997** UC San Diego, November, *The Cosmic Web and the Lyman Alpha Forest*

**1998** University of Hawaii, February, *Lyman Alpha Absorption within the Cosmic Web*

**1998** UC Santa Barbara, April, *Probing the Cosmic Web from the Ultra Large to the Rather Small*

**1998** National Taiwan University, November, Cosmic Background Radiation I  
**1998** National Taiwan University, November, Cosmic Background Radiation II  
**1998** Academia Sinica Institute of Physics, Taiwan, Probing the Cosmic Web from the Rather Small to the Ultra Large  
**1999** Astrophysics Colloquium, University of Arizona, February, Probing the Universe from the UltraLarge to the Rather Small  
**1999** Astrophysics Colloquium, Institut d'Astrophysique de Paris, April, French Academy of Sciences / Royal Society of Canada Exchange Lecture, Probing Cosmic Inflation Theory from UltraLarge Scales to the Rather Small  
**1999** Astrophysics Colloquium, Laboratoire d'Astrophysique Spatiale, Marseilles, April, French Academy of Sciences / Royal Society of Canada Exchange Lecture, Probing Cosmic Inflation Theory from UltraLarge Scales to the Rather Small  
**1999** Astrophysics Colloquium, Observatoire Midi-Pyrénées, Toulouse, April, French Academy of Sciences / Royal Society of Canada Exchange Lecture, Probing Cosmic Inflation Theory from UltraLarge Scales to the Rather Small  
**1999** Astrophysics Colloquium, L'Institut d'Astrophysique Spatiale, Orsay, April, French Academy of Sciences / Royal Society of Canada Exchange Lecture, Probing Cosmic Inflation Theory from UltraLarge Scales to the Rather Small  
**1999** Asia Pacific Centre for Theoretical Physics, May, Probing Inflation Theory from UltraLarge Scales to the Rather Small: I Overview and the Cosmic Background Radiation  
**1999** Asia Pacific Centre for Theoretical Physics, May, Probing Inflation Theory from UltraLarge Scales to the Rather Small: II Cosmological Parameters  
**1999** Seoul National University, May, Probing the Universe from UltraLarge Scales to the Rather Small  
**1999** University of Guelph, November, Probing the Universe from UltraLarge Scales to the Rather Small  
**2000** University Professor Meeting, University of Toronto, April, Sound Waves from the Edge of the Universe  
**2000** Astronomy Special Colloquium, University of Toronto, April, Analysis of Boomerang  
**2000** Science Writers Meeting, Toronto, May, Cosmology from Boomerang  
**2001** Royal Society, London, July, What the Cosmic Background Radiation has Taught Us About the Universe  
**2001** Canadian Insitute for Advanced Research, Toronto, August, Cosmology from the Photon Afterglow of the Big Bang  
**2001** Groningen University, Holland, NOVA COLLOQUIUM, November, The Parameters of Cosmic Structure Formation from the CMB  
**2001** Leiden University, Holland, NOVA COLLOQUIUM, November, The Parameters of Cosmic Structure Formation from the CMB  
**2001** University of Kansas, December, What the Cosmic Background Radiation has Taught Us About the Universe: The Parameters of Cosmic Structure Formation  
**2001** Kansas State University, December, What the Cosmic Background Radiation has Taught Us About the Universe: The Parameters of Cosmic Structure Formation  
**2002** California Institute of Technology, October, The Cosmic Microwave Background and Inflation, Then and Now  
**2002** Lawrence Livermore Labs, October, The Cosmic Microwave Background and Inflation, Then and Now  
**2002** Stanford, October, The Cosmic Microwave Background and Inflation, Then

and Now

**2002** U.C. Santa Cruz, October, The Cosmic Web and the Microwave Background Radiation

**2002** U.C. Berkeley, October, The Cosmic Web and the Microwave Background Radiation

**2002** Carnegie Institute, Pasadena, October, The Cosmic Web and the Microwave Background Radiation

**2003**, Ecole Doctorale Astronomie & Astrophysique d'Ile de France, Institut d'Astrophysique Spatiale d'Orsay, March, *The Cosmic Background Radiation after WMAP*

**2003** Astrophysics Colloquium, Institute of Astronomy, Cambridge, UK, August *The CMB at High Multipoles*

**2004**, Global Knowledge Foundation "University Professor" Public Lecture Series, Toronto, March, *Cosmic Sound from the First Light: Measuring the Parameters of the Universe*

**2006**, Key's Lecture, Trinity College, University of Toronto, October, *The First Light in the Universe and Cosmic Evolution*

**2006**, University of Tokyo, November, *Inflation, Gravity Waves, the CMB and LSS*

**2007**, The Next Big Question, Canadian Institute for Advanced Research 25th Anniversary Seminar, June, *Beyond Einstein*

**2007**, Joint Astrophysical Colloquium for MPA,MPE, ESO and USM, *Inflation & its Cosmic Probes, now & then*, December

**2008**, Joint Astrophysical Colloquium for SISSA, ICTP, Trieste Astronomical Observatory and the University of Trieste, Trieste, Italy, *CMB,  $\Lambda$ CDM, and Inflation*, January

**2008**, Institute for Astronomy Colloquium, University of Hawaii, *Inflation & its Cosmic Probes, now & then*, February

**2008**, Institute for Computational Cosmology Colloquium, Constraining Trajectories of Dark Energy Inflatons, Durham University, August

**2008**, Royal Observatory of Edinburgh Colloquium, University of Edinburgh, *Constraining Trajectories of Dark Energy Inflatons*, August

**2008**, Institut d'Astrophysique de Paris Colloquium, *the Cosmology of now & then through first light*, Sept

**2008**, The Gruber Prize Lecture, Center for Astrophysics, Harvard University, Cambridge, Mass, *the Cosmology of now & then through first light*, Sept 18

**2008**, Harvard Observatory Public Lecture, Harvard University, Cambridge, Mass, *COSMOLOGY THEN AND NOW!*, Sept 18

**2008**, The Sackler Lecture, Institute of Astronomy , Cambridge UK, *the Cosmology of now & then through first light*, Sept

**2009**, Johns Hopkins University Physics Colloquium, Baltimore, *the Cosmology of now & then through first light*, Jan

**2009**, Royal Canadian Institute, Toronto, *The Weighty Matter of the Cosmos: what is the Universe made of?*, Nov

**2010**, The Great Time Debate, Centre for Inquiry, Oise, Toronto, *Cosmic Times & U*, Jan (600 people, 300 turned away)

**2011**, University of Buffalo Physics Colloquium, *The Cosmic Background Radiation at High Resolution with Planck and ACT*, Apr

**2011**, Korean Institute for Advanced Study Colloquium, Seoul, Korea, *Cosmic Information Theory and Analysis: Post-inflation preheating as a Shock-in-Time and*

*other CITA Applications*, Sept  
**2011**, Purdue University, Lafayette, Indiana, *Cosmic Information Theory and Analysis: IT from BIT, from BITs in IT*, Nov  
**2011**, Georgia Tech, Atlanta, *Cosmic Information Theory and Analysis: IT from BIT, from BITs in IT*, Nov  
**2011**, TIFR Public Lecture, Mumbai, India *Cosmic Information Theory and Analysis: IT from BIT, from BITs in IT*, Dec  
**2012**, Public Lecture, Hong Kong University for Science and Technology, Hong Kong, China *Cosmic Information Theory and Analysis: IT from BIT, from BITs in IT*, Dec  
**2012**, Institute for Astronomy, University of Hawaii, *Revealing the Cosmic Information in Clusters through the Sunyev-Zeldovich Effect*, Mar  
**2012**, University of Rome, La Sapienza, *Probing the Cosmic Theory of Early and Late Universe Physics*, May  
**2012**, KICC/IoA, Cambridge University, *Cosmic Information in Early and Late Universe Physics*, August  
**2012**, Neils Bohr Institute, Copenhagen, *Probing the Cosmic Theory of Early and Late Universe Physics*, August  
**2012**, IAP, Paris, *IT from BIT, from BITs in IT: Probing the Cosmic Information in Early and Late Universe Physics*, September  
**2012**, IAS, Orsay, *Revealing Cosmic Information in the Cluster/Group System through the Sunyaev-Zeldovich Effect*, October  
**2012**, APC, University of Paris 7, *Cosmic Information from the Microwave Background Radiation*, October  
**2012**, Astrostatistics Institute, Imperial College, *Cosmic Information Theory and Analysis (CITA)*, November  
**113 total; 20 public lectures, 93 colloquia**

## ASTRONOMY AND PHYSICS SEMINARS

**1974** Kellogg SIN (Stellar Interiors and Nucleosynthesis) Seminar, Caltech, *Neutron Star Cooling by Neutral Currents*  
**1975** Jet Propulsion Laboratory, Gamma Ray Astronomy Seminar, *Atmospheric Neutrons*  
**1977** Kellogg Nuclear Physics Seminar, Caltech, *Axions and Nuclear Physics*  
**1978** Kellogg SIN Seminar, Caltech, *Neutral Currents: Theoretical and Experimental Status*  
**1978** Theoretical Astrophysics Seminar, U.C. Berkeley, *Neutrino Transport in Supernovae*  
**1980** Seminar, Institute for Theoretical Physics Workshop on Supernovae, U.C. Santa Barbara, *Entropy, Neutrinos and Supernovae*  
**1980** Space Science Lab 'Price' Seminar, Berkeley, *Entropy, Neutrinos and Supernovae*  
**1981** Theoretical Physics Seminar, Stanford, *Massive Neutrinos and the Formation of Large Scale Structure*  
**1981** Space Science Lab Seminar, Berkeley, *Massive Neutrinos and the Formation of Large Scale Structure*  
**1982** Astrophysics Seminar, Institut d'Astrophysique, Paris, *Nucleosynthesis in Very*

*Massive Objects*

**1983** Theoretical Physics Seminar, Stanford/SLAC, *Cosmic Structure Formation*, 3 seminars

**1984** Seminar, Large Scale Structure Workshop, Institute for Theoretical Physics, U.C. Santa Barbara, *Stellar Fates and Implications for Population III Stars*

**1984** Cosmology Seminar, Institute of Astronomy, Cambridge, England *Lyman Alpha Cloud Theories*

**1984** Astronomy Seminar, University of Toronto, *Lyman Alpha Clouds*

**1984** Cosmology Seminar, Fermilab, Batavia, Illinois, *Isocurvature Fluctuations*

**1985** Theoretical Physics Seminar, Stanford/SLAC, *Primary and Secondary Cosmic Background Radiations*

**1985** Astronomy Seminar, NASA Ames, California, *The Cosmic Infrared Background*

**1985** IGPP (Institute for Geophysics and Planetary Physics) Seminar, Lawrence Livermore National Laboratory, California, *Microwave Background Fluctuations*

**1985** CITA Seminar Series on Solar System Formation, Toronto, *Meteorites and Abundance Anomalies*

**1986** CITA Seminar, Toronto, *Gaussian Statistics and Cosmic Structure Formation*

**1986** Astrophysics Seminar, McMaster University, Hamilton, Ontario, *Anisotropies in the Cosmic Microwave Background*

**1987** Physics Seminar, University of Alberta, Edmonton, September, *What The Cosmic Microwave Background Radiation Can Tell Us About Cosmic Structure*

**1988** Applied Mathematics Seminar, Monash University, Melbourne, February, Australia, *The Dilemma of Large Scale Cosmic Structure*

**1988** Theoretical Cosmology Seminar, Space Telescope Science Institute, Baltimore, April, *The Angular Correlation Function of Galaxies as a Probe of Large Scale Structure*

**1988** ITP Workshop on Particle and Quantum Cosmology, Institute for Theoretical Physics, University of California, Santa Barbara, November, *Constraints on Galaxy Formation from Cosmic Background Radiations*

**1988** Astronomy Seminar, U.C. Berkeley, December, *Constraints on Structure Formation from Cosmic Background Radiations*

**1989** Physics Seminar, Fermilab, Chicago, November, *Mass Functions for Hierarchical Theories of Structure Formation*

**1990** Gravitation Seminar, Princeton University, April, *Constrained Density Fields for Galaxy Formation Simulations*

**1990** Institute for Advanced Studies, Princeton, April, *Constraints on Structure Formation from Recent Microwave Background Experiments*

**1992** Astrophysics Seminar, Oxford University, Oxford, October *COBE and Clusters*

**1993** IUCAA Seminar, Inter-University Centre for Astronomy and Astrophysics, Pune, India, January. *The Hierarchical Peaks Method and Clusters of Galaxies*

**1993** Physics Seminar, Queen's University, Kingston, Ontario, February. *Cosmological Implications of COBE*

**1993** Physics Seminar, Yukawa Institute, Kyoto University, Japan, November. *The Peak-Patch Picture of Cluster Catalogues*

**1993** Astronomy Seminar, Institut d'Astrophysique de Paris, Paris, December. *The Peak-Patch Picture of Clusters*

**1994** CITA Cosmology Seminar, April, *Hot Clusters in the Snowy Alps: Highlights of the XIVth Moriond Astrophysics Conference*

**1995** Physics Seminar, Institute for Theoretical Physics, Santa Barbara, California, February, *Challenges in Cosmic Structure Formation*  
**1995** Astrophysics Seminar, Oxford University, Oxford, September, *The Cosmic Web: Filaments as Cluster-Cluster Bridges*  
**1996** Astronomy Seminar, Institut d'Astrophysique de Paris, April, *The Current Implications from the CMB for Cosmic Structure Formation*  
**1996** Theoretical Physics Seminar, Saclay, April, *Testing Inflation Cosmologies with Probes of Cosmic Power Spectra*  
**1997**, Theoretical Astrophysics Seminar, Caltech, Pasadena CA, January, *The Cosmic Web within the Lyman Alpha Forest*  
**1998**, Astrophysics Seminar, University of Chicago, January, *Lyman Alpha Absorption within the Cosmic Web*  
**1999** Astrophysics Seminar, University of Arizona, February, *The Cosmic Web at High Redshift*  
**1999** Seminar, Theoretical Physics Centre, Seoul National University, May, *The Cosmic Web at High Redshifts*  
**2001** Seminar, Physics Department, New York University, April, *Cosmological Parameters from the CMB*  
**2001** Seminar, Physics Department, New York University, April, *The New Boomerang Results and their Cosmological Implications*  
**2006**, Yukawa Institute for Theoretical Physics, Kyoto University, Japan, November, *Inflation, Gravity Waves, & the CMB + LSS*  
**2008**, Institute for Astronomy Cosmology Seminar, University of Hawaii, *Some Outstanding Problems In Cosmology*, February  
**2008**, Institute for Astronomy Graduate Student Seminar, University of Hawaii, *Dark Matter & Dark Energy*, February  
**2008**, Stanford University Cosmology Seminar, *Constraining Inflation Histories Now and Then*, April  
**2008**, Caltech Cosmic Microwave Background Seminar, *The Cosmic Web & Excesses in the CMB High Resolution Frontier*, May  
**2008**, Caltech Astrophysics "Tea-Talk" Seminar, *Constraining Trajectories of Dark Energy Inflations*, June  
**2008**, Lunchtime Talk, Institute for Theoretical Cosmology, Harvard University, ACBAR update: Detection of CMB Lensing and Status of the CBI Excess, Sept  
**2008**, Perimeter Institute /CITA /CIFAR focus group workshop, Waterloo, Detection of CMB Lensing with ACBAR and WMAP5, October  
**2010** Planck Seminar, Institut d'Astrophysique de Paris,  $\mathcal{C}_\ell^{SZ}$  &  $\sigma_8$  *Theoretical Uncertainties, and Impact on ACT*, Jan  
**2011** York University, Early and Late Inflation, Feb  
**2012**, Institute for Astronomy, University of Hawaii, *Cosmic Information Theory and Analysis*, Feb  
**2012**, Cosmology Group, Columbia University, *Cosmic Information*, June  
**2012**, Cosmology Group, Institut d'Astrophysique de Paris, *Colliding Scalar Field Bubbles and Oscillons*, Sept

**58 seminars total**

## OUTREACH: J.R. Bond

Member of International Planetarium Society's "Astronomy Link", 1997-

## MEDIA REFERENCES: J.R. Bond

- 1986 University of Toronto Bulletin, Dec. 8, "Finding Answers to the Big Questions or, how to get something for nothing", George Cook
- 1987 Toronto Star, May 17, "Backing Canada's Best", Andrea Gordon
- 1987 Ottawa Citizen, October 23, "Institute putting a plug in Canada's brain drain", Anne McIlroy
- 1988 Toronto Star, May 12, "The Problem of Dark Matter in the Universe", Terence Dickinson
- 1989 University of Toronto Bulletin, Feb. 6, "Steacie awards presented to CITA Researchers"
- 1989 Wall Street Journal, "NASA Probe Is Setting Out To Find Big Bang Radiation", Nov. 16, Bob Davis
- 1989 Toronto Star, "Quasar causes Big Bang theory flap", Nov. 26, Jack Miller
- 1991 Discover, January, "The Top 50 Science Stories of 1990", cover story, "Too Smooth a Universe", Tim Folger
- 1991 Globe and Mail, June 1, "Mind and Matter: And now, a few citations of recent Canadian scientific citedness", article on most cited papers, Stephen Strauss
- 1991 Toronto Star, June 5, "Short-sighted", editorial on Canada's participation in Gemini
- 1991 Toronto Star, June 14, "Canada won't finance plan to build 2 telescopes", Jack Miller
- 1991 Jornal Do Brasil, July 15, "Os misterios que cercam o comeco de tudo"
- 1991 Science **254**, 1299, Nov. 29, "Cosmologists: The Neutrino From Hell", Faye Flam
- 1992 San Francisco Chronicle, "Scientists Report New Images of Universe Just After Creation", page 1, April 24, Charles Pett
- 1992 Toronto Star, April 24, "In the beginning: Birth of a universe", front page story, Michael Smith
- 1992 CBC Newsworld, Fri. April 24, interviewed
- 1992 CBC Calgary, Fri. April 24, interviewed
- 1992 CBC Journal, Fri. April 24, interviewed
- 1992 Globe and Mail, April 25, "An innocent's guide to the Big Bang theory", front page story, Stephen Strauss
- 1992 Montreal Radio Station, Mon. April 27, interviewed
- 1992 Maclean's, May 4, "Looking at God", cover story, Rae Corelli and Marci McDonald with Hilary MacKenzie
- 1992 Global News at Noon, Wed. May 6, interviewed
- 1992 CBC Toronto, News at 11PM, Thurs. June 18, interviewed
- 1992 The New Yorker, Aug. 3, "Talk of the Town", *Blobs*
- 1992 Discover, October, "The Fingerprint of Creation", Donald Goldsmith
- 1992 Discover, November, Cover Story "Ten Great Unanswered Questions of Science", "How Big is the Universe", Sam Flamstead
- 1993 Toronto Star, April 7, "Institute puts plug in brain drain", front page story, Michael Smith

**1995** Firing Line, Discover Channel, March, “Dark Matter in the Universe”  
**1995** Firing Line, Discover Channel, April, “The Age of the Universe”  
**1995** Globe and Mail, April 6, “Hundreds of New Galaxies Observed”, Stephen Strauss  
**1995** Science, **268**, 1849, June 30, “Astronomers Paint the Big Picture and Fill in the Blanks”  
**1995** Science News **148**, 202, Sept. 23, “Weaving the Cosmic Web: Bottom up or top down? Now the twain shall meet”, Ron Cowen  
**1996** Quirks and Quarks, CBC radio, “Science Page Challenge”, mystery guest  
**1997** Science  
**2000**, Quirks and Quarks, Dark Matter, March  
**2000** National Post, Dark Matter and Lensing, March  
**2000** National Post, on Boomerang, April  
**2000** New Zealand Radio, twice, on Boomerang, May  
**2000** Toronto Star, CITA Reunion Meeting  
**2000** Physics Today, Perimeter Institute  
**2000-2004 stopped counting, partially resumed in 2004**  
**2003** Toronto Life  
**2004** Physics World  
**2004** Science News, Ron Cowen  
**2004** CBC Radio One “Here and Now”  
**2004** CBC Radio One: Ideas, Wednesday, Jan 28, Wednesday, Sept 28, ”IN THE BEGINNING”; Dan Falk narrator  
**2004** CBC Radio One: “Here and Now”, Sept., COSMO04  
**2004** CBI on cover of Science  
**2005** CBC Radio One: Sounds Like Canada, Mar 16; Shelagh Rogers, host  
**2005** CBC, the National: Strings 2005, July  
**2005** Korea Science News, September  
**2005** Toronto Star: The Dark Side of the Universe, October 24, Peter Calama  
**2005** CBC Radio One: Quirks and Quarks 30th Anniversary Show, Dec. 7  
**2006** TVO Spelling Bee, May 28  
**2006** Boomerang papers highlighted in ScienceMagazine.org  
**2006** Cosmicvariance Blog reporting Bond/Kofman presentation at the Perimeter Institute, October, <http://cosmicvariance.com/2006/10/25/reconstructing-inflation/>  
**2006** Korean Science News, November  
**2006**, Hankook Daily News, Korea. November  
**2006**, The Dong-A ilbo Daily, Korea. November  
**2006**, New Scientist, Topology  
**2007**, Quirks and Quarks, Toronto, March 22  
**2007**, Toronto Star, March 25  
**2007** Caltech Alumni News, March 29  
**2007** University Affairs, May, NSERC Gold Medal story  
**2007** Globe and Mail, Vancouver Sun, Ottawa Citizen, Montreal Gazette, Scotiabank ad for Killam Prizes, April 23  
**2007** Physics World, May, “Movers and Shakers” section  
**2007** Canarie Annual Report, July, top scientists section  
**2008**, Featured on UofT website link “Professors who lead the world”, <http://www.thisisuoft.utoron>  
**2008**, Metro Morning with Andy Barrie, Sept. 16  
**2008**, “Caltech News” Magazine, Gruber Prize, Summer Issue  
**2008**, Globe and Mail article by Anthony Reinhardt, Sept. 20

**2009**, Globe and Mail article by Anne Mellroy, April 16, on Science Funding in Canada

**2010**, Globe and Mail article by Ian Brown on CITA, Jun 5

**2011**, ABC's The Science Show with Robyn Williams, Australia, interview on air March 12

**2011**, Physics Today 64, 8 , 14, Aug issue, *High-resolution data demonstrate gravitational lensing of the cosmic background radiation*. ACT

**2011**, Numerous Korean Newspapers, interview with the KIAS Advisory Board, Oct

**2012** Physics World, Kinetic Sunyaev Zeldovich Discovery by ACT is one of the Top 10 Science Stories for 2012, <http://physicsworld.com/cws/article/news/2012/dec/14/physics-world-reveals-its-top-10-breakthroughs-for-2012>