

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 ν 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 mathématiques 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, Primordial Cosmology, Kavli Institute for Theoretical Physics, UC Santa Barbara, Apr 1 - Jun 30
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, Banff Centre, Canada, Feb 14-17
2013 The Universe as seen by Planck, 47th ESLAB Symposium, ESA/ESTEC, Netherlands, Apr 2-5
2013 Observations and Theoretical Challenges in Primordial Cosmology, Kavli Institute for Theoretical Physics, UC Santa Barbara, Apr 22 - 26
2013 Correlating Cosmic Fields, Shanghai, China, October 14-17
2014 The Zeldovich Universe: Genesis and Growth of the Cosmic Web, IAU Symposium 308
2014 Chair, CIFAR14, Quebec City, Canada, May 24-27
2014 SOC, 30th Institut d’Astrophysique de Paris Colloquium, The primordial Universe after Planck, Paris, Dec 15-19
2015 SOC, IAU Focus Meeting in Scale-free Processes in Astrophysics, Honolulu, August 2015
2014 SOC, KIAS Workshop on Cosmology and Structure Formation, Seoul, Korea, Nov. 3-6, 2014
2014 SOC, PLANCK 2014: THE MICROWAVE SKY IN TEMPERATURE AND POLARIZATION, Ferrara, Italy, Dec 1-5, 2014
2015 SOC, CIFAR15, Banff Centre, Canada, March 25-28
2016 SOC, CIFAR16, Whistler BC, Canada, March 31-April 2
2016 SOC, Korea Cosmology Conference, Nov

92 total organizing committees, Chair of 23

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 Adia-*

batic 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, *Summary 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', 43rd 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', 43rd 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: $\Delta T/T$ & σ_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** CMBnet 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 σ_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 Trajectories 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

2013 Sunyaev-Zeldovich Simulations and ACT, Planck and SPT Cluster Observations, CIFAR13, Cosmology and Gravity Program Annual Meeting, Feb

2013 Power Spectra and Likelihood in Planck2013, Planck Science Meeting, Bologna, Feb

2013 Topology and Geometry in Planck2013, Planck Science Meeting, Bologna, Feb

2013 A Cosmic Microwave Bonanza: Planck and ACT, SPT, WMAP9, The Quantum Universe 3, Groningen, Netherlands, Mar 27

2013 Non-Gaussianity from Modulations of the Shock-in-Times of Post-inflation Preheating, Planck2013 ESLAB, Netherlands, April

2013 Emergence: of the CMB from the 7 veils; of the 7 CMB pillars; of the driven vacuum; and of n_s , panel presentation, Planck2013 ESLAB, Netherlands, April

2013 Potentials at the End of Inflation with Physical Motivation, KITP Primordial Cosmology Workshop, April 16

2013 Sunyaev-Zeldovich Theory in the Light of Planck, ACT and SPT Cluster Observations, KITP, Observations and Theoretical Challenges in Primordial Cosmology, April 25

2013 Emergence of n_s from reconstruction of early universe acceleration histories, panel presentation, KITP, Observations and Theoretical Challenges in Primordial Cosmology, April 26

2013 Inflation Physics and Planck 2013's Small Scale Concordance and Large Scale Anomalies, Davis Cosmic Frontiers Conferences: Mining the Cosmic Frontier in the Planck Era and Fundamental Questions in Cosmology May 24

2013 Fundamental Physics from the Planck Satellite, CASCA, Vancouver, May 29, 2013

2013 Intermittent non-Gaussianity and Anomalies: rare patchy subdominants from Modulated Heating, Bubble Collisions & Oscillons, KITP June 25, 2013

2013 Broad-band tensor-to-scalar modal analyses of B-modes, KITP B-fest, June 27, 2013

2013 Intermittent non-Gaussianity & Anomalies: rare patchy subdominants from Modulated Heating, Bubble Collisions & Oscillons, Perimeter Institute, Cosmic Frontiers Conference, July 8, 2013

2013 Cosmic Observables for Fundamental Physics, Kallosh/ShenkerFest (09/09 -

09/12/13) Stanford, Sept 9, 2013

2013 MOCKING HEAVEN: Cosmic Web cross-correlations in theory & in observations, Cross-Correlating Cosmic Fields Conference, Shanghai, Oct 14, 2013

2014 Mapping Inflation, CIFAR14, the Cosmology and Gravity Program Annual Meeting, Quebec City, May

2014 Cosmic Photons, Phonons & Neutrinos in the Universe at Large, Neutrino Physics and the Artfest Meeting, Kingston, May

2014 From SuperWeb Simplicity to Complex Intermittency in the Cosmic Web, IAU 308, Tallin, Estonia, June

2014 Mapping the Early Universe with Planck and Dusty Polarization. Physics of the Universe Summit (POTUS), NY NY, Sept

2014 Anomalies: Beyond the Standard Model of Cosmology?, Solvay, Brussels, Oct

2014 Intermittent non-Gaussianity and Large Scale Structure, CITA/CIFAR Non-Gaussianity and Large Scale Structure Workshop, Toronto, Oct

2014 from SuperWeb simplicity to complex Intermittency in the Cosmic Web,: the Russian school & how Arnold fits into the evolving cosmic story 79-82, Legacy of Arnold Conference, Fields Institute, Toronto, Nov

2014 The Planck 2014 Early Universe Phonon Spectrum, Acceleration Histories, and Inflation Effective Potential Reconstruction, Planck 2014, Ferrara, Dec

2014 Beyond Planck 2014 +LSS: Inflation futures from CMB & LSS, The Primordial Universe after Planck, 30th IAP Colloquium, Paris, Dec

2015 Quantum Inflation in the 2015 Planck Era & Beyond, Cosmology on Safari, Bonamanzi, South Africa, Jan

2015 Quantum Inflation in the 2015 Planck Era, CIFAR15, the Cosmology and Gravity Program Annual Meeting, Banff, Alberta, March

2015 Quantum Inflation in the 2015 Planck Era, Casca, Hamilton, May

2015 CMB@50 THEN & NOW & THEN a celebration, Closing Talk, CMB@50, Princeton, June

2015 Testing Inflation with the CMB: Beyond the Standard Model of Cosmology, GPE@60: From Galaxies to Large Scale Structure and the CMB, Cambridge, UK

2016 MOCKING Heaven: Rapid Monte Carlo Simulations for CMB Stage 3/4 +...., CIFAR16, the Cosmology and Gravity Program Annual Meeting, Whistler, BC, March-April

2016 Polarization at Low Multipoles from the Planck HFI Instrument and the Reionization Epoch of the Universe, CASCA 2016, Winnipeg

2016 Polarization at Low Multipoles from the Planck HFI Instrument and the Reionization Epoch of the Universe, Great Lakes Cosmology Conference, 2016, Hamilton

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

ters 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 P³MG Simulations of the Lyman- α Forest*, poster paper

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, 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, Discussion Leader and Session Chair at Centre for Theoretical Cosmology Workshop on Non-Gaussianity from Fundamental Physics, Centre for Mathematical Sciences, Cambridge University, Sept 8-10

2010 JCSA Meeting, Halifax, remote presentation, *the Post-launch CSA-Planck-HFI Contract*, May

54 total

CONFERENCE POSTER PAPERS

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)

1996, 18th Texas Symposium on Relativistic Astrophysics, poster paper, Chicago, December, *The Lyman- α 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- α 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
2007 Exploring the Magnetized Cosmic Web through Low Frequency Radio Emission, N. Battaglia, C. Pfrommer, J. Sievers, J..R. Bond, poster at CASCA, June
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 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

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 Cos-

mic 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 Institute 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, Λ 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
2013, From Cosmic Simplicity to Universal Complexity, and Beyond, TEDxUofT, May 18,
2013, From Complexity to Simplicity to Complexity: Our Universe at Large, Banff13 CIFAR Gala, July 20
2013, Fundamental Physics from the Planck Satellite, revealing Simplicity & Complexity, KIAS Colloquium, Seoul, Korea, Oct 9
2013, Fundamental Physics from the Planck Satellite, revealing Simplicity & Complexity, Shanghai Jiao Tong University Colloquium, Oct 11
2014, Unveiling Fundamental Physics from the Cosmic First Light, revealing Simplicity & Complexity in the Universe at Large, St. Mary's University, Halifax, Physics Colloquium, Apr 4
2014, Unveiling Fundamental Physics from the Cosmic First Light, revealing Simplicity & Complexity in the Universe at Large, Gold Public Lecture / Physics Colloquium, Cornell University, Apr 14
2014, Probing Intermittency in the Cosmic Web and SuperWeb, Gold Public Lecture / Physics Colloquium, Cornell University, Apr 17
2015, Planck 2015 on Cosmic Photons, Phonons, Gravitons and Neutrinos, UKZN, Durban, South Africa, Feb
122 total; 24 public lectures, 98 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 Su-*

pernovae

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 Inflatons*, 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, C_ℓ^{SZ} & σ_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
2013, Results from Planck's First Cosmology Release, CITA Cosmology Seminar, Toronto, Mar 22
2014, Planck Component Separation, Dust and Synchrotron Emission and BICEP2, Astronomy Seminar, Cornell, Apr 16
2014, 1. Isotropy & Statistics Phenomenology: Stacking Temperature, Polarization & Primordial Curvature on (oriented) Peaks. 2. Inflation: Acceleration Histories, Potential Reconstruction, Preheating & non-Gaussian Early Universe Intermittency, Physics Seminar, Cornell, Apr 17
2015, Bubbles and the Early Universe, CITA, March
2016, Zeta-Maps of the Early Universe, Department of Astronomy Seminar, University of Toronto, Jan 20, 2016
63 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.thisisuft.utoronto.ca/>
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 McIlroy, 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>

2013 A very large number of Planck publicity worldwide accompanying the March 21, 2013 release. Googling planck satellite 2013 results yields 926,000 results. This included the front page (above the fold) of the New York Times, BBC, Le Monde, Liberation, and much more. In Canada, stories that specifically involved our effort at CITA were in the Globe and Mail, the Toronto Star, on CBC's Quirks and Quarks, CBC National News, CTV, and much more.