

IAU Symposium 216

Maps of the Cosmos

14 - 17 July 2003

Poster Programme

(10 July 2003)

Group 1 <u>Cosmic Microwave Background/ Cosmology</u>	Group 3 <u>Local Structure</u>	Group 5 <u>Clusters of Galaxies</u>	Group 7 <u>Distant Universe</u>
Group 2 <u>Formation of Large-Scale Structure</u>	Group 4 <u>Galaxy Evolution</u>	Group 6 <u>Intergalactic Medium</u>	Group 8 <u>Ongoing and Future Studies</u>
POSTER VIEWING (16:00-17:00 Tue 15 July)		POSTER VIEWING (16:00-17:00 Thu 17 July)	
<i>NB. All posters can be viewed at any time during the week of the Symposium, and should be posted for the entire period.</i>			

NOTES FOR POSTER PRESENTERS

- Each poster will be allocated an area of 1.0 m wide by 1.2 m high (A0-size in portrait orientation).
- All IAU216 posters can be mounted from 08:00 on Monday July 14 in Harbourside Meeting Rooms 3 and 4 (behind Harbourside Auditorium 1 where the talks will be). That evening, they will be moved to Exhibition Hall 5 by student volunteers. Late posters can be taken directly to Exhibition Hall 5 from 07:30 on Tuesday July 15. Posters to be mounted by their poster number in the third column, which corresponds to the abstract book numbering (not the IAU abstract number). Posters listed here without numbers to use the unnumbered

boards in the appropriate group. Late, unlisted posters by arrangement with the SOC only.

- Posters should be removed by 17:00 on Sunday July 20. Any remaining posters will be removed and can be collected from Skyline 2.
- The abstract deadline was March 31. However, any changes to abstracts made before May 31 should still appear in the abstract book, if the changes were made by resubmission to the abstract server.
- Posters can only be presented if the author or a co-author is present at the IAU.

[Latest PDF version of program](#)

Group 1 *Cosmic Microwave Background/Cosmology*

IAU01005	Nabila Aghanim	(P47)	"NON-GAUSSIAN SIGNATURES IN THE CMB MAPS"
IAU01965	Susana Deustua	(P68)	THE SNAP OBSERVATORY
IAU01294	Bryan E Laubscher	(P109)	SUPERNOVA/ACCELERATION PROBE ERROR BUDGET
IAU01329	J. Allyn Smith	(P110)	THE SNAP STANDARD STAR PROGRAM (coauthor presentation)
IAU01333	J. Allyn Smith	(P111)	CALIBRATION OF THE SNAP PROGRAM (coauthor presentation)
IAU01939	Eric Linder	(P114)	THE SUPERNOVA/ACCELERATION PROBE (SNAP) MISSION
IAU00552	Clive Dickinson	(P69)	VERY SMALL ARRAY: OBSERVATIONS AND LATEST RESULTS
IAU00786	Keith Grainge	(P85)	THE ARCMINUTE MICROKELVIN IMAGER
IAU01663	Louise M Griffiths	(P87)	TESTING THE CMB DATA FOR SYSTEMATIC EFFECTS
IAU02761	Tetsuya Hara	(P93)	A SIMPLIFIED METHOD TO CALCULATE THE CMB ANISOTROPY
IAU02582	Andrew Jaffe	(P100)	BAYESIAN AND FREQUENTIST STATISTICS OF THE CMB
IAU01265	Rene J Laureijs	(P112)	THE PLANCK MISSION: SCIENCE OBJECTIVES AND CAPABILITIES
IAU01588	Charles H Lineweaver	(P115)	BLACK HOLE VERSUS COSMOLOGICAL HORIZON ENTROPY
IAU00082	Maher Melek	(P124)	ON THE VALUES OF THE PRIMORDIALLY BORN DENSITY FLUCTUATIONS
IAU01147	Abd el fady B Morcos	(P127)	LARGE SCALE STRUCTURES IN SOME COSMOLOGICAL MODELS (coauthor presentation)
IAU01763	Masamune Oguri	(P128)	A PROBLEM IN THE HUBBLE CONSTANT FROM GRAVITATIONAL LENSING
IAU02758	Denis Puy	(P133)	REVISED PRIMORDIAL CHEMISTRY IN THE LUMPY EXPANDING UNIVERSE
IAU02752	Jose Luis Sanz	(P139)	DETECTION OF COMPACT SOURCES IN CMB MAPS
IAU00547	Anze Slosar	(P142)	VERY SMALL ARRAY: PARAMETER ESTIMATION AND THE FUTURE
IAU00568	Mamdouh I Wanas	(P152)	THE CMB-TEMPERATURE USING THE SELF CONSISTENT MODEL
IAU00458	V.B. Bhatia		CONSTRAINTS ON THE COSMIC EQUATION OF STATE
IAU00693	Attila Meszaros		A PREMATURE ACCEPTANCE OF THE ACCELERATING UNIVERSE

Group 2 *Formation of Large-Scale Structure*

IAU01133	Chris Blake	(P56)	MEASURING DARK ENERGY WITH THE RULER OF ACOUSTIC PEAKS
IAU01426	Chris Blake	(P57)	COSMOLOGY FROM WIDE-AREA RADIO SURVEYS
IAU01833	Tereasa Brainerd	(P59)	MULTIPLE WEAK DEFLECTIONS IN THE HDF-NORTH
IAU01617	Michael J Brown	(P60)	RED GALAXY CLUSTERING IN THE NOAO DEEP WIDE-FIELD SURVEY
IAU01340	Yaoquan Chu	(P63)	MEASURING THE CLUSTERING OF GALAXY WITH DWT METHODS
IAU00044	Pirin Erdogdu	(P76)	RECONSTRUCTING THE DENSITY MAPS OF THE 2DFGRS
IAU01606	Paul J Francis	(P80)	MAPPING GALAXIES AT REDSHIFT 2.4: TOO MANY VOIDS.
IAU00712	Brian F Gerke	(P83)	THE DEEP2 GALAXY REDSHIFT SURVEY: FIRST CLUSTERING RESULTS
IAU01702	Bruce A Peterson	(P132)	THE TWO DEGREE FIELD GALAXY REDSHIFT SURVEY DATA RELEASE
IAU01448	Ryutaro Susukita	(P144)	COSMOLOGICAL SIMULATIONS USING A SPECIAL PURPOSE COMPUTER
IAU02139	Takayuki Tatekawa	(P146)	THE PERFORMANCE OF EXTENDED LAGRANGIAN PERTURBATION THEORY
IAU00737	Hideki Yahagi	(P161)	NUMERICAL GALAXY CATALOG: A HIGH RESOLUTION GALAXY CATALOG
IAU00822	Chris P Haines		LARGE QUASAR GROUPS AS TRACERS OF LSS IN THE EARLY UNIVERSE
IAU00064	Marian doru Suran		CLUSTERING OF GALAXIES AT $Z>1$ (coauthor presentation)
IAU01365	Xingfen Zhu		MORPHOLOGY OF THE FILLED AND EMPTY REGIONS IN THE UNIVERSE
IAU00000	Joachim Wambsganss		GIANT ARC STATISTICS IN CONCORDANCE WITH A CONCORDANCE LCDM UNIVERSE

Group 3 *Local Structure*

IAU00662	Suketu Bhavsar	(P55)	THE LONGEST FILAMENTS AND HOMOGENEITY IN THE LCRS
IAU00538	Anthony P Fairall	(P77)	MAPS AND CHARACTERISTICS OF NEARBY LARGE-SCALE STRUCTURES
IAU00419	Piotr Flin	(P78)	THE ALIGNMENT OF NEIGHBOUR GALAXY GROUPS IN THE LSC
IAU01092	Piotr Flin	(P79)	THE APPLICATION OF FOCAS AND S-EXTRACTOR TO DSS
IAU02187	Anne J Green	(P86)	THE MOLONGLO GALACTIC PLANE IMAGING SURVEY
IAU01183	Caryl Gronwall	(P88)	THE KISS SURVEY FOR NEARBY EMISSION-LINE GALAXIES
IAU00038	Erik Høg	(P96)	MAPS OF THE COSMOS THROUGH 3600 YEARS
IAU01686	Ikuru Iwata	(P99)	PECULIAR VELOCITIES OF GALAXIES BEYOND THE LOCAL VOID
IAU01429	Thomas Jarrett	(P101)	THE NEARBY UNIVERSE REVEALED - 2MASS
IAU02755	Virginia A Kilborn	(P105)	THE DISTRIBUTION OF HI IN THE NORTHERN SKY FROM HIJASS
IAU01618	Baerbel S Koribalski	(P107)	THE HIPASS BRIGHT GALAXY CATALOG

IAU01701	Meryl Waugh	(P156) DEEPER INTO THE FURNACE, DEEPER INTO THE RIVER
IAU02269	Rachel L Webster	(P157) THE HIPASS GALAXY CATALOGUE
IAU01672	Jim E Lovell	(P118) MAPPING THE LOCAL INTERSTELLAR MEDIUM WITH COMPACT AGN
IAU02288	Lucas Macri	(P120) THE ABSOLUTE CALIBRATION OF THE NIR TULLY-FISHER RELATION
IAU00383	Karen L Masters	(P121) THE STRUCTURE AND VELOCITY FIELD OF THE LOCAL SUPERCLUSTER
IAU02154	T. Mauch	(P122) SUMSS - EXPLORING THE FAINT RADIO SKY
IAU01497	Brian McLean	(P123) A NEW DATABASE AND ATLAS FOR MARKARIAN AND SBS GALAXIES
IAU00059	Areg M Mickaelian	(P126) BYURAKAN-IRAS GALAXIES: SURVEY FOR FIR FLUX LIMITED OBJECTS
IAU00157	Richard Wielebinski	(P137) LARGE-SCALE RADIO CONTINUUM SURVEYS OF THE GALAXY
IAU00793	Zhengyi Shao	(P141) OPTICAL AND NEAR-INFRARED STUDIES OF NEARBY GALAXIES
IAU02117	Ken-ichi Wakamatsu	(P151) GALAXY SURVEY IN THE GALACTIC CENTER REGION
IAU00764	Patrick A Woudt	(P159) LARGE-SCALE STRUCTURES BEHIND THE SOUTHERN MILKY WAY
IAU00444	Abraham Mahtessian	THE TWO-POINT CORRELATION FUNCTION FOR GROUPS OF GALAXIES
IAU01002	Ezio Pignatelli	AUTOMATIC GALAXY PHOTOMETRY AND MORPHOLOGY IN WIDE FIELDS (coauthor presentation)

Group 4 *Galaxy Evolution*

IAU00907	Ivan K Baldry	(P49) CONSTRAINTS ON A UNIVERSAL IMF FROM UV TO IR LUM DENSITIES
IAU02667	Ivan K Baldry	(P50) THE COLOR-MAGNITUDE DISTRIBUTION OF GALAXIES FROM THE SDSS
IAU01322	Marco Barden	(P51) GEMS: THE EVOLUTION OF DISC SIZES OVER THE LAST 10 GYRS
IAU02631	Boris Häußler	(P94) FITTING 20,000 GALAXIES: GALFIT MEETS GEMS
IAU02539	Shardha Jogee	(P102) TIDAL INTERACTIONS AND MERGERS AT EARLY COSMIC TIMES
IAU02540	Shardha Jogee	(P103) RECOVERABILITY AND PROPERTIES OF BARS AT INTERMEDIATE REDSHIFTS
IAU01905	J. J Condon	(P64) A DEEP VLA IMAGE COVERING 5 SQUARE DEGREES
IAU01574	Nicholas J Cross	(P66) THE SPACE DENSITY OF FIELD GALAXIES IN THE ACS-GTO IMAGES.
IAU01620	Marianne T Doyle	(P70) STAR FORMATION EFFICIENCY VS ENVIRONMENT
IAU00613	Uta Fritze - v. Alvensleben	(P81) CHEMICALLY CONSISTENT MODELS FOR THE EVOLUTION OF GALAXIES
IAU00614	Uta Fritze - v. Alvensleben	(P82) ON THE FORMATION OF BULGES AND DISKS
IAU00707	Patrick Hall	(P91) THE CHILEAN OLD GALAXY SURVEY (coauthor presentation)
IAU01703	Minh T Huynh	(P97) CONSTRAINING STAR FORMATION HISTORY WITH DEEP

RADIO DATA

- [IAU01659](#) Ikuru Iwata (P98) LYMAN BREAK GALAXIES AT $Z=5$ AROUND THE HDF-N
- [IAU00815](#) Emeric Le Floch (P113) ARE THE COSMIC GRBS RELIABLE TRACERS OF STAR FORMATION ?
- [IAU01796](#) Isabella Prandoni (P134) THE ATESP 5GHZ SURVEY: PROBING THE SUB-MJY POPULATION
- [IAU01749](#) Manfred Stickel (P143) THE ISOPHOT 170 MICRON SERENDIPITY SURVEY GALAXY CATALOGUE
- [IAU00590](#) Yiping Wang (P154) EFFECTS OF STARBURST MERGERS AT $Z\sim 1$ TO THE IR/SUBMM SURVEYS
- [IAU01300](#) Jon Willis (P158) THE EVOLUTION OF DISTANT FIELD EARLY-TYPE GALAXIES. MAPPING GALAXY EVOLUTION WITH THE K20 SURVEY
- [IAU01134](#) Andrea Cimatti EVOLUTION IN THE COLORS OF LYMAN-BREAK GALAXIES FROM $Z\sim 4$ TO $Z\sim 3$
- [IAU00000](#) Casey Papovich IN THE GREAT OBSERVATORIES ORIGINS DEEP SURVEY

Group 5 *Clusters of Galaxies*

- [IAU02452](#) Daniela Bettoni (P54) THE WINGS SURVEY: THE FIRST RESULTS
- [IAU02756](#) Catarina Lobo (P116) INTERMEDIATE-Z CLUSTERS: WHAT NEWS ON THE GALAXY POPULATION?
- [IAU01631](#) Glen Mackie (P119) KINEMATICS OF BRIGHTEST CLUSTER GALAXIES IN THE 2DFGRS.
- [IAU00626](#) Lisbeth F Olsen (P130) SPECTROSCOPY OF HIGH-REDSHIFT EIS CLUSTER CANDIDATES
- [IAU00080](#) Thomas H Reiprich (P135) GALAXY CLUSTERS AND LARGE SCALE STRUCTURE
- [IAU00689](#) Pedro Viana (P150) FIRST RESULTS FROM THE XCS

Group 6 *Intergalactic Medium*

- [IAU01383](#) Robert Becker (P52) KECK ESI SPECTRA OF HIGH REDSHIFT QUASARS
- [IAU01992](#) Ger de Bruyn (P67) LOFAR, THE EPOCH OF REIONIZATION AND THE GALACTIC FOREGROUND
- [IAU02753](#) Kumiko Hiroi (P95) CONSTRAINTS ON COSMIC REIONIZATION FROM HIGH-Z QSO SPECTRA
- [IAU01924](#) Stuart Wyithe (P160) WAS THE UNIVERSE REIONIZED BY MASSIVE POPULATION-III STARS?
- [IAU00500](#) Xuelei Chen LYMAN ALPHA SCATTERING AND 21 CM FEATURE OF REIONIZATION
- [IAU01015](#) Matthew Lehnert GALAXIES AT THE HIGHEST REDSHIFTS AND REIONIZATION

Group 7 *Distant Universe*

- [IAU00652](#) Immo Appenzeller (P48) THE FORS DEEP FIELD: A DEEP 3-D MAP
- [IAU01112](#) Andrew J Bunker (P61) THE STAR FORMATION RATE OF THE UNIVERSE AT REDSHIFT 6
- [IAU01608](#) Ben H Chan (P62) ARCHETYPAL ANALYSIS OF FAINT 1.4 GHZ SOURCES IN 2DFGRS

IAU01212	Simon Driver	(P72)	THE MILLENNIUM GALAXY CATALOGUE
IAU01732	Philip G Edwards	(P73)	THE VSOP SURVEY PROGRAM OF 402 ACTIVE GALACTIC NUCLEI
IAU00406	Richard S Ellis	(P74)	MASS ASSEMBLY OF GALAXIES THROUGH DETAILED STUDIES AT $Z=1$
IAU00769	Motohiro Enoki	(P75)	FLUCTUATION OF THE SUBMM BACKGROUND FROM FORMING GALAXIES
IAU00188	Nectaria A Gizani	(P84)	TWO UNIQUE GALAXIES AT LOW REDSHIFT: 3C310 & HERCULES A
IAU01865	Leonid I Gurvits	(P90)	MILLI-JY RADIO SKY WITH MILLIARCSECOND-SCALE RESOLUTION
IAU00833	Ivo Labbe	(P108)	FIRES: ULTRADEEP NEAR-INFRARED IMAGING WITH VLT/ISAAC
IAU02757	Diana Londish	(P117)	AN OPTICALLY SELECTED SAMPLE OF BL LAC OBJECTS
IAU02250	Roopesh Ojha	(P129)	USNO/ATNF ASTROMETRY AND IMAGING OF SOUTHERN ICRF SOURCES
IAU00604	Encarni Romero-Colmenero	(P138)	A UV/X-RAY SPECTRAL SURVEY OF PG QUASARS FROM XMM-NEWTON
IAU00290	Tsutomu T Takeuchi	(P145)	A FORMULATION OF THE CONFUSION PROBLEMS FOR SOURCE COUNTS
IAU02034	Zlatan I Tsvetanov	(P147)	MAPPING THE PEAK OF THE QSO ACTIVITY EPOCH
IAU00861	Petri Väisänen	(P148)	FAR-IR GALAXIES IN THE ISOPHOT COSMIC IR-BACKGROUND PROJECT
IAU00865	Petri Väisänen	(P149)	EROS IN MID-IR: DUSTY STARBURSTS AND OBSCURED AGN
IAU00515	Yiping Wang	(P153)	COSMIC STAR FORMATION HISTORY ASSOCIATED WITH QSO ACTIVITY
IAU00440	Martik Hovhannisyann		THE SPECTRAL INVESTIGATION OF GIANT RADIO GALAXIES.
IAU00000	Garth Illingworth		STAR FORMATION AT $Z\sim 6$: I-DROPOUTS FROM HST ACS OBSERVATIONS IN THE CL1252, HDF-N AND CDF-S FIELDS
IAU01229	Andrei Lobanov		HIGH-REDSHIFT QUASARS: BEACONS IN PROTOCLUSTERS OF GALAXIES (coauthor presentation)

Group 8 Ongoing and Future Studies

IAU00262	Joss Bland-Hawthorn	(P58)	STELLAR COSMOLOGY - A NEW ERA OF MILLION STAR SURVEYS
IAU02520	Garret Cotter	(P65)	INITIAL RESULTS FROM THE 9C SURVEY
IAU01139	Richard Johan	(P104)	ULTRA-DEEP NEAR-IR IMAGING OF POPIII GALAXY CANDIDATES
IAU00696	Attila Meszaros	(P125)	THE SHORT GAMMA-RAY BURSTS: AN UNSOLVED PUZZLE
IAU01122	Chris P Pearson	(P131)	SCIENCE WITH ASTRO-F
IAU01500	Roberto Ricci	(P136)	FIRST RESULTS FROM THE 20 GHZ PILOT SURVEY FOLLOW-UP
IAU01138	Daniel Schaerer	(P140)	TOWARDS OBSERVATIONS OF THE FIRST STARS AND GALAXIES
IAU02476	Steve Warren	(P155)	THE UKIRT INFRARED DEEP SKY SURVEY PLANS
IAU02186	Hitoshi Yamaoka	(P162)	GRB AFTERGLOW OBSERVATIONS WITH SMALL TELESCOPES, 2002--2003
IAU02213	Lajos G Balázs		THE REDSHIFT FOR EACH LONG BRIGHT GAMMA-RAY BURST
IAU01105	Mikhail B Ignatyev		LINGUO-COMBINATORIAL SIMULATION OF UNIVERSE



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