30 July, 2008.

Prof. Viqar Husain, Director, Atlantic Association for Research in the Mathematical Sciences,

Dear Prof. Husain:

   We are happy to report that the conference on Groups of Self-Homotopy Equivalences held at Dalhousie University June 29 to July 5, 2008 was a success. This conference was partly supported by a grant from AARMS. Please find attached the list of participants with their affiliations, the titles and abstracts of talks delivered at the conference and an account of the travel expenses of participants paid for from the AARMS grant. Additional information about the conference may be found at the conference web page at www.mathstat.dal.ca/homotopy.html. This page was created by Prof. Pat Keast whom we wish to thank for his assistance.

                              Sincerely yours,

                              Martino Arkowitz

                              Keith Johnson

                              Ken-Ichi Maruyama

                              Renzo Piccinini

                              (Conference organizing committee)

cp : Prof. Karl Dilcher, Dalhousie University

Groups of Self Homotopy Equivalences
and Related Topics

30 June - 5 July 2008
Dalhousie University

Participants

Kristine Bauer	University of Calgary
Peter Booth	Memorial University
Marek Golasinski	Nicolaus Copernicus University
Daniel Gottlieb	Purdue University
Daciberg Lima Goncalves	University of São Paulo
John Harper	University of Rochester
Norio Iwase	Kyushu Univerity
Keith Johnson	Dalhousie University
Donald W. Kahn	University of Minnesota
Daisuke Kishimoto	Kyoto University
Gregory Lupton	Cleveland State University
Howard Marcum	Ohio State University at Newark
Ken-Ichi Maruyama	Chiba University
Kaoru Morisugi	Wakayama University
Juno Mukai	Shinshu University
Hideaki Oshima	Ibaraki University
Bob Paré	Dalhousie University
Petar Pavesic	Lubljana University

Renzo A. Piccinini   Dalhousie University

Dorette Pronk   Dalhousie University

John Rutter   University of Liverpool

Nicholas Scoville   Dartmouth College

Samuel Smith   St. Josephs University, Philadelphia

Jeff Strom   Western Michigan University

Groups of Self-Homotopy equivalences
and Related Topics

Program

All Talks will be in Chase 319

Monday   **30-Jun**

9:30 - 10:30   Ken-Ichi Maruyama
                    Chiba University
                    On the Rank of the Group of Self Homotopy Equivalences

10:30-11:00   Coffee

11:00-12:00   Daciberg Lima Goncalves
                    University of São Paulo
                    Fundamental group of the space of maps between surfaces

12:00-2:00   Lunch

2:00-3:00   Sam Smith
                    Saint Joseph's University
                    Actions of spaces of self-equivalences
                    on the components of a function space

3:00-3:30   Coffee

3:30-4:30   Ken-Ichi Maruyama
                    Chiba University
                    A Survey of the Group of Self-Homotopy Equivalences

5:00   Reception at The Earl of Dalhousie Pub in the University Club

Tuesday   **01-Jul**

9:30 - 10:30   Kristine Bauer
                    Univerity of Calgary
                    Spectral sequences of operad algebras

10:30-11:00   Coffee

11:00-12:00   Peter Booth
                    Memorial University
                    On the classification of three stage Postnikov towers

12:00-1:30   Lunch

1:30-2:30   John Harper
                    University of Rochester
                    p-local finite H-spaces with rank equal to p-1

2:30-3:00   Coffee

3:00-4:00   John Rutter
                    University of Liverpool
                    Groups of homotopy self-equivalences of lens spaces
                    and of 2-dimensional cellular models
                    of combinatorially aspherical groups

4:10-5:10   Don Kahn
                    University of Minnesota
                    Homotopy rigid spaces

Wednesday   02-Jul

9:30 - 10:30   Kristine Bauer
                    Univerity of Calgary
                    Towards an unbased theory of calculus

10:30-11:00   Coffee

11:00-12:00   Daniel Gottlieb
                    Purdue University
                    Eigenbundles, Quaternions and Berry's Phase

2:00-3:00   Marek Golasinski
                     Nicolaus Copernicus University
                    Recent developments in free actions
                    of fine groups on homotopy spheres

3:00-3:30   Coffee

3:30-4:30   Juno Mukai
                     Shinshu University
                    Gottlieb groups of projective spaces

Thursday   03-Jul

9:30 - 10:30   Kaoru Morisugi
                    Wakayama University
                    Relative EHP sequence

10:30-11:00   Coffee

11:00-12:00   Dorette Pronk
                       Dalhousie University
                       Equivariant homotopy theory for orbifolds

2:00-3:00   Norio Iwase
                       Kyushu Univerity
                       Topological complexity is a fibrewise L-S category

3:00-3:30   Coffee

3:30-4:30   Daisuke Kishimoto
                        Kyoto University
                       Homotopy nilpotency in localized Lie groups

        7:30   Conference Dinner

Friday   04-Jul

9:30 - 10:30   Jeff Strom
                       Western Michigan University
                       Miller Spaces and Spherical Resolvability of Finite Complexes

10:30-11:00   Coffee

11:00-12:00   Petar Pavesic
                        University of Lubljana
                       Characteristic classes of self-homotopy equivelances

12:00-12:30   Greg Lupton
                       Cleveland State University
                       The Rational Homotopy Type of the Space
                       of Self Equivalences of a Fibration

Attendees

Martin A. Arkowitz	Dartmouth College
Kristine Bauer	Univerity of Calgary
Peter Booth	Memorial University
Davide Ferrario	Università di Milano-Bicocca
Marek Golasinski	Nicolaus Copernicus University
Daniel Gottlieb	Purdue University
Daciberg Lima Goncalves	University of São Paulo
Norio Iwase	Kyushu Univerity
Keith Johnson	Dalhousie University
Donald W. Kahn	University of Minnesota
Daisuke Kishimoto	Kyoto University
Gregory Lupton	Cleveland State University
Howard Marcum	Ohio State University at Newark
Ken-Ichi Maruyama	Chiba University
Toshiyuki Miyauchi	Kyushu University
Kaoru Morisugi	Wakayama University
Juno Mukai	Shinshu University
Hideaki Oshima	Ibaraki University
Bob Paré	Dalhousie University
Petar Pavesic	Lubljana University
Renzo A. Piccinini	Dalhousie University

Petar Pavesic	University of Lubljana
Dorette Pronk	Dalhousie University
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Samuel Smith	St. Josephs University, Philadelphia
Jeff Strom	Western Michigan University

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and Related Topics

30 June - 5 July, 2008
Dalhousie University

Funding of Participants

Name	Affiliation	Grant	Mailing Address
Kristine Bauer	University of Calgary	416	Dept. of Mathematics, University of Calgary, 2500 University Drive NW Calgary, AB, T2N 1N4, Canada
Marek Golasinski	Nicolaus Copernicus University	500	Faculty of Mathematics and Computer Science, Chopina 12/18, 87-100 Torun, Poland
Daniel Gottlieb	Purdue University	500	3516 via Dolce, Marina del Rey, CA 90292
Norio Iwase	Kyushu Univerity	500	Faculty of Mathematics, Kyushu University, Fukuoka 810-8560, JAPAN
Ken-Ichi Maruyama	Chiba University	500	Faculty of Education, Chiba University, Yayoicho, Inageku, Chiba, Japan
Juno Mukai	Shinshu University	500	Shinshu University Matsumoto 390-8621 Japan

John Rutter	University of Liverpool	1200	71 Hunts Cross Avenue, Woolton, Liverpool L25 5NU
Nicolas Scoville	Dartmouth College	234.52	Department of Mathematics, Kemeny Hall, Dartmouth College,03755-3551 Hanover, NH, USA
Jeff Strom	Western Michigan University	500	Department of Mathematics Western Michigan University 1903 W. Michigan Ave. Kalamazoo MI 49008 USA
Total		4850.52	