

Petition in Support of Canadian Space Astronomy Programs.

To: Dr. Steve MacLean, President, the Canadian Space Agency
Dr. Gilles Leclerc, Director General, Space Exploration, the Canadian Space Agency

RE: The future of space astronomy in Canada.

Dear Drs. MacLean and Leclerc,

As members of the Canadian astronomical community, we are deeply concerned about the future of space astronomy in Canada in view of the projected cuts to the CSA space exploration budget.

Canada has been a partner in a number of space astronomy missions, and most notably is now playing a very significant part in the JWST – the most powerful telescope ever built. We have achieved a status derived from scientific and technical prowess that has served us well. However, this situation is jeopardized by the threat of severe cuts to CSA's space exploration budget. In a recently released document¹, the budget for the Space Exploration program of CSA is projected to decrease from \$165M in 2010-2011 to \$88.8M by 2013-2014. Half of the projected 2013-2014 budget is pre-allocated to the International Space Station, leaving no more than \$45M in support of astrophysics space missions. This falls short, by a wide margin, of what is needed to allow Canada to maintain its hard-earned expertise and aerospace technology capabilities. Indeed, it is already compromising our scientific return for the expensive investment in hardware, and preventing us from taking up new partnerships.

We appreciate that CSA is subject to overall funding cuts that pose a deep question on their own. Nevertheless, we do not accept that the brunt of these cuts be passed on to our science and the technology and prestige that they carry.

In 2010, the Canadian astronomical community released a Long Range Plan (LRP) for Canadian astronomy². This includes a projection of space astronomy programs that we believe are necessary to maintain a healthy community, in science, education, technology and highly trained individuals. The public interest, scientific promise, and technical developments in such missions are enormous. The LRP, and current CSA studies envision a uniquely capable Canadian-led space telescope which could well become the next CSA icon, to replace the Canadarm. However, the present budget does not allow any possibility of carrying this through. We are similarly handicapped in joining other high-profile missions now, for lack of adequate funding, including the ESA Euclid dark-energy mission – the top LRP priority – in spite of Canadian expertise in much of the required technology, built up in the JWST program.

The CSA budget available for these projects is far below the investment in space astronomy, per capita, of other world economies such as the United States of America, the European Union,

¹ the 2011-12 CSA Report on Plans and Priorities (RPP): <http://www.asc-csa.gc.ca/pdf/rpp-2011-eng.pdf> and <http://www.asc-csa.gc.ca/pdf/rpp-2011-details-eng.pdf>

² http://casca.ca/lrp2010/Draft.v4.4.2.web_sm.pdf

China, and India, but reflects the fact that the Canadian astronomical community recognizes the challenges our country faces in these uncertain economic times. It is, however, a necessary investment in the future and in Canada's high tech capabilities.

The projected CSA Space Exploration budget offers no hope of realizing any of the LRP projects. It is already crippling support for committed projects. We believe that an adequately funded Space Agency and space science budget is essential to everyone's interest, and we urge you to take steps to maintain our well earned place in this arena. It is an investment we cannot afford not to make.

Yours sincerely

The Canadian Astronomical Community

No.	Timestamp	Name	Institute or affiliation	Email address
1.	12/19/2011 23:18:04	Nadine Manset	CFHT	manset@cfht.hawaii.edu
2.	12/19/2011 23:21:30	Michael Hudson	University of Waterloo	mjudson@uwaterloo.ca
3.	12/19/2011 23:35:30	Konstantin Fedotov	University of Western Ontario	kfedotov@uwo.ca
4.	12/20/2011 0:37:34	Dr. David R. Patton	Trent University, Peterborough, ON	dpatton@trentu.ca
5.	12/20/2011 0:56:25	André-Nicolas Chené	U. de Concepcion	andrenicolas.chene@gmail.com
6.	12/20/2011 1:00:51	Leslie Sage	CASCA press officer	L.sage@us.nature.com
7.	12/20/2011 1:12:59	Locke Spencer	Cardiff University School of Physics and Astronomy / University of Lethbridge Dept. of Physics and Astronomy	Locke.Spencer@astro.cf.ac.uk
8.	12/20/2011 1:15:21	Jon Ramsey	Zentrum fuer Astronomie der Universitaet Heidelberg, Institut fuer Theoretische Astrophysik, Heidelberg 69120, Germany	ramsey@uni-heidelberg.de
9.	12/20/2011 1:30:02	Levon Pogosian	Simon Fraser University	levon@sfu.ca
10.	12/20/2011 1:49:51	Vincent Hénault-Brunet	Institute for Astronomy, University of Edinburgh	vhb@roe.ac.uk
11.	12/20/2011 2:03:33	Luigi Gallo	Saint Mary's University	lgallo@ap.smu.ca
12.	12/20/2011 2:24:19	Michael Balogh	University of Waterloo	mbalogh@uwaterloo.ca
13.	12/20/2011 2:31:50	Serge Demers	Université de Montreal	demers@astro.umontreal.ca
14.	12/20/2011 2:42:50	Brian McNamara	University of Waterloo	mcnamara@uwaterloo.ca
15.	12/20/2011 2:47:52	Gregg Wade	Royal Military College of Canada	Wade-g@rmc.ca
16.	12/20/2011 2:53:17	Andre Martel	Space Telescope Science Institute	martel@stsci.edu
17.	12/20/2011 3:07:18	Simon Thibault	Université Laval	simon.thibault@phy.ulaval.ca
18.	12/20/2011 3:13:29	Samar Safi-Harb	University of Manitoba	samar@physics.umanitoba.ca
19.	12/20/2011 3:14:50	Prof. David Ballantyne	Georgia Institute of Technology	david.ballantyne@physics.gatech.edu
20.	12/20/2011 3:23:34	Harsha Kumar	University of Manitoba	harsha@physics.umanitoba.ca
21.	12/20/2011 3:34:35	Mikhail Klassen	McMaster University	klassm@mcmaster.ca
22.	12/20/2011 3:34:56	Roberto Abraham	University of Toronto	abraham@astro.utoronto.ca
23.	12/20/2011 3:41:17	Paul Delaney	York University	pdelaney@yorku.ca
24.	12/20/2011 3:41:35	Pierre Bergeron	Université de Montréal	bergeron@astro.umontreal.ca
25.	12/20/2011 3:45:22	Ainsley Campbell	Queen's University	acampbell@astro.queensu.ca
26.	12/20/2011 3:47:45	Christopher Stevenson	Memorial University of Newfoundland	csteven@mun.ca
27.	12/20/2011 3:48:02	Dr. Kristine Spekkens	Royal Military College of Canada	kristine.spekkens@rmc.ca
28.	12/20/2011 3:52:07	Marten H. van Kerkwijk	University of Toronto	mhvk@astro.utoronto.ca
29.	12/20/2011 3:52:35	Nathalie Martimbeau	Planetarium de Montreal	nathalie.martimbeau@ville.montreal.qc.ca
30.	12/20/2011 4:07:00	Aaron Sigut	The University of Western Ontario	asigut@uwo.ca
31.	12/20/2011 4:07:48	Dr. Laura Parker	McMaster University	lparker@mcmaster.ca
32.	12/20/2011 4:08:21	Alexander W. Fullerton	STScI	fullerton@stsci.edu
33.	12/20/2011 4:08:37	Nicole St-Louis	Université de Montréal	stlouis@astro.umontreal.ca
34.	12/20/2011 4:10:06	Alan Scott	York University	ajscott114@gmail.com
35.	12/20/2011 4:15:46	Kelly Foyle	McMaster University	foylek@physics.mcmaster.ca
36.	12/20/2011 4:22:36	Paul Charbonneau	Université de Montréal	paulchar@astro.umontreal.ca
37.	12/20/2011 4:24:29	Dr. Wesley Fraser	Herzberg Institute of Astrophysics	wesley.fraser@nrc.ca
38.	12/20/2011 4:26:08	Pierre Bastien	Université de Montréal	bastien@astro.umontreal.ca
39.	12/20/2011 4:27:50	Mike Casey	Department of Astronomy and Physics, Saint Mary's University	mcasey@ap.smu.ca
40.	12/20/2011 4:29:59	Craig Heinke	University of Alberta	heinke@ualberta.ca
41.	12/20/2011 4:33:27	Harald Pfeiffer	University of Toronto	pfeiffer@cita.utoronto.ca
42.	12/20/2011 4:42:09	Anne Pellerin	Texas A&M University	dr.anne.pellerin@gmail.com
43.	12/20/2011 4:58:02	Neven Vulic	University of Western Ontario	nvulic@uwo.ca
44.	12/20/2011 4:58:10	Jan Cami	The University of Western Ontario	jcam1@uwo.ca
45.	12/20/2011 5:02:37	Christine Wilson	McMaster University	wilsoncd@mcmaster.ca
46.	12/20/2011 5:03:26	Marilyn Latour	Université de Montreal	marilyn@astro.umontreal.ca
47.	12/20/2011 5:06:38	Ethan Vishniac	McMaster University	ethan@mcmaster.ca
48.	12/20/2011 5:08:23	Nicholas Battaglia	Carnegie Mellon University	nbattaglia@cmu.edu

49.	12/20/2011 5:09:06	Annie Hou	McMaster University	hous2@physics.mcmaster.ca
50.	12/20/2011 5:10:05	Michael Nolta	CITA	nolta@cita.utoronto.ca
51.	12/20/2011 5:10:15	Pauline Barmby	University of Western Ontario	pbarmby@uwo.ca
52.	12/20/2011 5:15:05	Dr. Sarah Gallagher	University of Western Ontario	sgalla4@uwo.ca
53.	12/20/2011 5:18:35	Yanqin Wu	University of Toronto	wu@astro.utoronto.ca
54.	12/20/2011 5:19:38	Michael Williams	University of Toronto	williams@astro.utoronto.ca
55.	12/20/2011 5:19:56	Marie-Eve Naud	Université de Montréal	marieevenaud83@hotmail.com
56.	12/20/2011 5:22:04	Andrew Shannon	University of Toronto	shannon@astro.utoronto.ca
57.	12/20/2011 5:25:34	Kazimierz Sliwa	McMaster University	sliwak@mcmaster.ca
58.	12/20/2011 5:26:17	Sylvie F Beaulieu PhD	University of Waterloo	sfbeaulieu@uwaterloo.ca
59.	12/20/2011 5:26:43	Marie-Michèle Limoges	Université de Montréal	limoges@astro.umontreal.ca
60.	12/20/2011 5:31:57	Heather Matheson	University of Manitoba	matheson@physics.umanitoba.ca
61.	12/20/2011 5:32:33	Amélie Simon	Université de Montréal	amelie@astro.umontreal.ca
62.	12/20/2011 5:34:34	Laura Fissel	University of Toronto	fissel@astro.utoronto.ca
63.	12/20/2011 5:36:11	Patrick Ingraham	Université de Montréal	ingraham@astro.umontreal.ca
64.	12/20/2011 5:38:50	David Lafrenière	Université de Montréal	david@astro.umontreal.ca
65.	12/20/2011 5:39:47	T Alan Clark	University of Calgary	taclark@ucalgary.ca
66.	12/20/2011 5:45:47	Ian Halliday	Retired, NRC	ihalliday@idirect.com
67.	12/20/2011 5:49:03	Marc-Antoine Miville-Deschenes	CITA, University of Toronto	mamd@cita.utoronto.ca
68.	12/20/2011 5:55:06	Farnoud Kazemzadeh	University of Waterloo	fkazemza@uwaterloo.ca
69.	12/20/2011 5:58:03	Jamil Shariff	University of Toronto	shariff@astro.utoronto.ca
70.	12/20/2011 5:58:06	François-René Lachapelle	Université de Montréal	lachapelle@astro.umontreal.ca
71.	12/20/2011 5:58:31	Sara Ellison	University of Victoria	sarae@uvic.ca
72.	12/20/2011 5:58:33	Anson Wong	University of Waterloo	a57wong@uwaterloo.ca
73.	12/20/2011 5:59:34	Walter Duley	University of Waterloo	wwduley@uwaterloo.ca
74.	12/20/2011 6:01:03	Ludovic Van Waerbeke	University of British Columbia	waerbeke@phas.ubc.ca
75.	12/20/2011 6:01:42	Mark Halpern	University of British Columbia	halpern@physics.ubc.ca
76.	12/20/2011 6:03:52	Helen Kirk	Harvard Smithsonian Center for Astrophysics	hkirk@cfa.harvard.edu
77.	12/20/2011 6:04:04	Michael Reid	University of Toronto	mike.reid@utoronto.ca
78.	12/20/2011 6:10:51	Chad Greene	University of Waterloo	Crgreene@gmail.com
79.	12/20/2011 6:16:01	René Doyon	Université de Montréal	doyon@astro.umontreal.ca
80.	12/20/2011 6:16:34	Kyle Oman	University of Waterloo	kaoman@uwaterloo.ca
81.	12/20/2011 6:16:47	David Law	Dunlap Institute for Astronomy & Astrophysics	drlaw@di.utoronto.ca
82.	12/20/2011 6:19:26	Sarah Malek	University of Western Ontario	smalek2@uwo.ca
83.	12/20/2011 6:19:48	David Naylor	Department of Physics and Astronomy, University of Lethbridge	naylor@uleth.ca
84.	12/20/2011 6:20:05	Kim Thibault	Université de Montréal	kim@astro.umontreal.ca
85.	12/20/2011 6:21:24	Olivier Hernandez	Université de Montréal	olivier@astro.umontreal.ca
86.	12/20/2011 6:22:13	Patrick Dufour	Université de Montréal	dufourpa@astro.umontreal.ca
87.	12/20/2011 6:22:15	Chenchong Zhu	University of Toronto	cczhu@astro.utoronto.ca
88.	12/20/2011 6:25:01	Denise Laflamme	Université de Montréal	laflamme@astro.umontreal.ca
89.	12/20/2011 6:25:05	Etienne Artigau	Université de Montréal	artigau@astro.umontreal.ca
90.	12/20/2011 6:25:34	Loic Albert	Université de Montréal	albert@astro.umontreal.ca
91.	12/20/2011 6:28:51	Jacques Richer	Université de Montréal	jacques.richer@umontreal.ca
92.	12/20/2011 6:30:09	Rene Breton	University of Toronto	breton@astro.utoronto.ca
93.	12/20/2011 6:31:00	Jon Dudley	McGill University	jonnymav@gmail.com
94.	12/20/2011 6:31:04	Bryce Croll	MIT	croll@space.mit.edu
95.	12/20/2011 6:31:57	Patrice Beaudoin	Université de Montréal	beaudoin@astro.umontreal.ca
96.	12/20/2011 6:32:16	Fernando Pena	Saint Mary's University/ICA	fpena@ap.smu.ca
97.	12/20/2011 6:32:55	Christopher Thompson	University of Toronto	thompson@cita.utoronto.ca
98.	12/20/2011 6:33:18	Sébastien Desforges	Université de Montréal & C.R.A.Q	desforges@astro.umontreal.ca
99.	12/20/2011 6:33:34	Ismael Moumen	Université Laval	ismael.moumen.1@ulaval.ca
100.	12/20/2011 6:36:12	Giammichele Noemi	université de Montréal	noemi@astro.umontreal.ca
101.	12/20/2011 6:37:51	Ryan Speller	University of Waterloo	rspeller@uwaterloo.ca
102.	12/20/2011 6:38:44	Tyrone Woods	Max Planck Institute For Astrophysics	tewoods@mpa-garching.mpg.de

103. 12/20/2011 6:39:32	Cassandra Bolduc	Université de Montréal	cassandra@astro.umontreal.ca
104. 12/20/2011 6:40:01	Sean Griffin	McGill University - VERITAS Collaboration	griffins@physics.mcgill.ca
105. 12/20/2011 6:43:30	Julio Navarro	University of Victoria	jfn@uvic.ca
106. 12/20/2011 6:43:55	Laura Morales	NSERC-CSA	Laura.Morales@asc-csa.gc.ca
107. 12/20/2011 6:43:57	Philippe Cambron	Université de Montréal	philippe.cambron@gmail.com
108. 12/20/2011 6:48:10	David Hanna	McGill University	hanna@physics.mcgill.ca
109. 12/20/2011 6:51:13	Pirot Dorian	University of Montreal	pirot@astro.umontreal.ca
110. 12/20/2011 6:57:10	Naoya Kobayashi	University of Toronto Dept. of Astronomy and Astrophysics	nkobayas@cita.utoronto.ca
111. 12/20/2011 7:02:47	Jennifer Golding	McMaster University	goldinja@mcmaster.ca
112. 12/20/2011 7:08:01	Laurent Drissen	Université Laval	ldrissen@phy.ulaval.ca
113. 12/20/2011 7:13:24	Pierre-Luc Lévesque	Université de Montréal	levesque@astro.umontreal.ca
114. 12/20/2011 7:13:26	Jonathan Gagné	Université de Montréal	gagne@astro.umontreal.ca
115. 12/20/2011 7:13:38	Claude-André Faucher-Giguère	UC Berkeley	cgiguere@berkeley.edu
116. 12/20/2011 7:16:07	Hugo Martel	Université Laval	hmartel@phy.ulaval.ca
117. 12/20/2011 7:21:21	Antoine de la Chevrotiere	Université de Montréal	antoine@astro.umontreal.ca
118. 12/20/2011 7:23:52	James Taylor	University of Waterloo	taylor@uwaterloo.ca
119. 12/20/2011 7:24:20	Luc Turbide	Universite de Montreal	turbide@astro.umontreal.ca
120. 12/20/2011 7:24:37	Douglas Gies	Georgia State University	gies@chara.gsu.edu
121. 12/20/2011 7:25:54	Alexandre Lemerle	GRPS, Département de physique, Université de Montréal	lemerle@astro.umontreal.ca
122. 12/20/2011 7:27:12	Jesus Zavala Franco	Department of Physics and Astronomy, University of Waterloo	jzavalaf@uwaterloo.ca
123. 12/20/2011 7:29:45	Mugnes jean-michel	Université laval	jmmugnes@gmail.com
124. 12/20/2011 7:29:47	Victoria Kaspi, FRS, FRSC	McGill University	vkaspi@physics.mcgill.ca
125. 12/20/2011 7:32:25	Abdul Mroue	CITA/University of Toronto	mroue@cita.utoronto.ca
126. 12/20/2011 7:33:01	Henry Ngo	Queen's University	h.ngo@queensu.ca
127. 12/20/2011 7:44:31	Philippe Vallee	Universite de Montreal	vallee@astro.umontreal.ca
128. 12/20/2011 7:44:39	JD Emberson	University of Toronto	emberson@astro.utoronto.ca
129. 12/20/2011 7:45:27	Marcin Sawicki	Saint Mary's University	sawicki@ap.smu.ca
130. 12/20/2011 7:47:44	Kirsten Bonson	St. Mary's University	kbonsom@ap.smu.ca
131. 12/20/2011 7:47:53	Rory Woods	McMaster University	woodsrm@mcmaster.ca
132. 12/20/2011 7:48:22	Robert Thacker	Saint Mary's University	thacker@ap.smu.ca
133. 12/20/2011 7:51:38	Arundhati Dasgupta	University of Lethbridge	arundhati.dasgupta@uleth.ca
134. 12/20/2011 7:52:18	Koraljka Muzic	University of Toronto, Dept. of Astronomy and Astrophysics	muzic@astro.utoronto.ca
135. 12/20/2011 8:01:20	Azadeh Talebnejad	University of Toronto	talebnejad@astro.utoronto.ca
136. 12/20/2011 8:06:12	Corinne Simard	Université de Montréal	corinne@astro.umontreal.ca
137. 12/20/2011 8:10:00	Maire Jerome	University of Toronto	maire@di.utoronto.ca
138. 12/20/2011 8:13:48	Patrick Cote	National Research Council Canada	Patrick.Cote@nrc-cnrc.gc.ca
139. 12/20/2011 8:13:56	Yashar Hezaveh	McGill Unniversity	yasharh@physics.mcgill.ca
140. 12/20/2011 8:14:23	Simon Richard	Université Laval	simon.richard.1@ulaval.ca
141. 12/20/2011 8:15:37	Lison Malo	Universite de Montreal	malo@astro.umonteral.ca
142. 12/20/2011 8:19:28	Jeffrey Fung	University of Toronto	fung@astro.utoronto.ca
143. 12/20/2011 8:20:15	Simon Archambault	McGill University	archs@physics.mcgill.ca
144. 12/20/2011 8:34:09	Robert Hawkes	Mount Allison University	rhawkes@mta.ca
145. 12/20/2011 8:36:54	Frédéric Grandmont	ABB	frederic.j.grandmont@ca.abb.com
146. 12/20/2011 8:46:45	Alan H. Bridle	Queen's University (retired)	abridle@nrao.edu
147. 12/20/2011 8:48:45	John Blakeslee	Herzberg Institute of Astrophysics	john.blakeslee@nrc.ca
148. 12/20/2011 8:57:35	Stefan Mochnacki	University of Toronto	stefan@astro.utoronto.ca
149. 12/20/2011 8:57:52	Serge Pineault	Universite Laval	pineault@phy.ulaval.ca
150. 12/20/2011 8:59:43	Robert Sorba	Saint Mary's University	rsorba@ap.smu.ca
151. 12/20/2011 9:13:32	Yosdanis Vazquez Ponce	Perimeter Institute for Theoretical Physics	yvponce@gmail.com
152. 12/20/2011 9:23:21	Stan Shadick	University of Saskatchewan	stan.shadick@usask.ca
153. 12/20/2011 9:25:01	Pawel Artymowicz	Physical Sciences, U of Toronto	pawel@utscc.utoronto.ca

154.	12/20/2011 9:26:28	Rongfeng Shen	Scarborough University of Toronto, Department of Astronomy	rfshen@astro.utoronto.ca
155.	12/20/2011 9:36:14	Eric Blais	University of Toronto	blais@astro.utoronto.ca
156.	12/20/2011 9:37:17	Rene Plume	University of Calgary	plume@ras.ucalgary.ca
157.	12/20/2011 9:57:33	Sherry Chia-Chen Yeh	University of Toronto	yeh@astro.utoronto.ca
158.	12/20/2011 10:00:38	Kevin Edwards	University of Waterloo	k4edwards@uwaterloo.ca
159.	12/20/2011 10:07:39	Slavek Rucinski	University of Toronto	rucinski@astro.utoronto.ca
160.	12/20/2011 10:09:30	Ping Zhou	University of Manitoba, Department of Physics and Astronomy	ping@physics.umanitoba.ca
161.	12/20/2011 10:12:48	Philippe MacKay	Université Laval	philippe.mackay.1@ulaval.ca
162.	12/20/2011 10:15:11	Suresh Sivanandam	Dunlap Institute for Astronomy and Astrophysics	sivanandam@di.utoronto.ca
163.	12/20/2011 10:18:02	Taro Sato	Saint Mary's University	ubutsu@gmail.com
164.	12/20/2011 10:32:05	Chris Geroux	Saint Mary's University	chris.m.geroux@gmail.com
165.	12/20/2011 10:35:35	J.B.Hutchings	UVIC	john.hutchings@nrc.ca
166.	12/20/2011 10:40:22	Brendan C	University of Calgary	mooperman@gmail.com
167.	12/20/2011 10:40:47	James Di Francesco	National Research Council of Canada	james.difrancesco@nrc-cnrc.gc.ca
168.	12/20/2011 10:41:46	Luc Simard	University of Victoria	simardl@uvic.ca
169.	12/20/2011 10:43:22	Melissa Graham	LCOGT/UCSB	mgraham@lcogt.net
170.	12/20/2011 10:49:28	David Crampton	UVic	crampton@tmt.org
171.	12/20/2011 10:58:27	Lisa Glass	University of Victoria	lglass@uvic.ca
172.	12/20/2011 10:58:33	Gurtina Besla	Columbia University	gbesla@astro.columbia.edu
173.	12/20/2011 11:08:15	Mark Booth	University of Victoria	boothm@uvic.ca
174.	12/20/2011 11:10:12	Doug Welch	McMaster University	welch@physics.mcmaster.ca
175.	12/20/2011 11:10:13	JJ Kavelaars	University of Victoria	jjk@uvic.ca
176.	12/20/2011 11:13:42	Dr. Margaret Livingstone	McGill University	maggie@physics.mcgill.ca
177.	12/20/2011 11:19:55	Dr. Alyssa Gilbert	The University of Western Ontario	arnoldow@uwo.ca
178.	12/20/2011 11:37:47	Alexander L. DeSouza	The University of Western Ontario	adesouz7@uwo.ca
179.	12/20/2011 11:39:49	Adam Rogers	University of Manitoba	rogers@physics.umanitoba.ca
180.	12/20/2011 11:44:50	Ivana Damjanov	University of Toronto	damjanov@astro.utoronto.ca
181.	12/20/2011 11:50:49	Brenda Matthews	University of Victoria	bcmatthews@gmail.com
182.	12/20/2011 11:53:12	Patrick Fortier	St. Mary's University	pfortier@ap.smu.ca
183.	12/20/2011 11:53:46	Matt Dobbs	McGill University	Matt.Dobbs@McGill.ca
184.	12/20/2011 12:01:03	Wm. G. Weller, PhD	Retired	Bill.Weller@viu.ca
185.	12/20/2011 12:02:55	Liz Arcila-Osejo	Saint Mary's University	osejo@ap.smu.ca
186.	12/20/2011 12:04:26	Cameron Van Eck	University of Calgary	clvaneck@ucalgary.ca
187.	12/20/2011 12:09:45	Stephen Ro	University of Toronto	ro@astro.utoronto.ca
188.	12/20/2011 12:17:40	Aaron J Maxwell	McMaster University	maxwelaj@mcmaster.ca
189.	12/20/2011 12:21:25	Colin P. Folsom	Armagh Observatory	cpf@arm.ac.uk
190.	12/20/2011 12:50:05	Laura Ferrarese	NRC/HIA	laura.ferrarese@nrc-cnrc.gc.ca
191.	12/20/2011 13:12:49	Ian Cameron	University of Manitoba	ian.Cameron@umanitoba.ca
192.	12/20/2011 13:15:22	Samuel Chung Chan	University of Toronto	samuel.chan@utoronto.ca
193.	12/20/2011 13:15:51	Lorne Nelson	Bishop's University	lnelson@ubishops.ca
194.	12/20/2011 13:43:56	Karl Del Duchetto	UdeM	karl@astro.umontreal.ca
195.	12/20/2011 13:48:52	Gordon Sarty	University of Saskatchewan	gordon.sarty@usask.ca
196.	12/20/2011 14:01:32	Gregory R. Sivakoff	University of Alberta	sivakoff@ualberta.ca
197.	12/20/2011 14:13:51	Dae-Sik Moon	University of Toronto	moon@astro.utoronto.ca
198.	12/20/2011 14:41:42	François Aubin	McGill University	francois.aubin@mail.mcgill.ca
199.	12/20/2011 15:02:14	James E. Hesser	CASCA past President	jim.hesser@nrc.gc.ca
200.	12/20/2011 15:16:14	Paul Hickson	University of British Columbia	hickson@physics.ubc.ca
201.	12/20/2011 15:38:14	Jason Grunhut	Queen's University	grunhut@astro.queensu.ca
202.	12/20/2011 16:00:57	David Routledge	University of Alberta	dr2@ualberta.ca
203.	12/20/2011 17:08:29	James Wurster	Saint Mary's University	jwurster@ap.smu.ca
204.	12/20/2011 17:28:52	Daniel Nadeau	Université de Montréal	nadeau@astro.umontreal.ca
205.	12/20/2011 17:35:21	Ronald Gagne	University of British Columbia	rcgagne@phas.ubc.ca
206.	12/20/2011 17:39:16	Georges Michaud	Université de Montreal	michaudg@astro.umontreal.ca
207.	12/20/2011 17:58:48	Saurya Das	University of Lethbridge	saurya.das@uleth.ca

208.	12/20/2011	18:04:44	David L. Clark	University of Western Ontario	dclark56@uwo.ca
209.	12/20/2011	18:23:02	Gilles Fontaine	Université de Montréal	fontaine@astro.umontreal.ca
210.	12/20/2011	20:57:23	Philip Bennett	Saint Mary's University	pbennett@ap.smu.ca
211.	12/20/2011	23:11:57	Prof. Douglas Scott	University of British Columbia	dscott@phas.ubc.ca
212.	12/21/2011	0:11:04	Jens Chluba	CITA	jchluba@cita.utoronto.ca
213.	12/21/2011	0:34:06	Tony Moffat	Univ. de Montreal	moffat@astro.umontreal.ca
214.	12/21/2011	1:49:19	Dr. Patrick B. Hall	York University	phall@yorku.ca
215.	12/21/2011	2:18:50	Ilana MacDonald	University of Toronto	macdonald@astro.utoronto.ca
216.	12/21/2011	4:07:44	Diego Castaneda	Saint Mary's University	castaned@ap.smu.ca
217.	12/21/2011	4:08:40	Jasmin Robert	Université de Montréal	jasmin@astro.umontreal.ca
218.	12/21/2011	4:20:53	Philip C. Gregory	University of British Columbia	gregory@phas.ubc.ca
219.	12/21/2011	4:48:56	Dr. Judith Irwin	Queen's University	irwin@astro.queensu.ca
220.	12/21/2011	4:49:29	Robert Lamontagne	Université de Montréal	lamont@astro.umontreal.ca
221.	12/21/2011	4:49:50	Francine Marleau	University of Toronto	marleau@astro.utoronto.ca
222.	12/21/2011	5:20:00	Prof. Martin Houde	The University of Western Ontario	mhoude2@uwo.ca
223.	12/21/2011	5:34:10	Karen Lee-Waddell	Royal Military College of Canada	karen.lee-waddell@rmc.ca
224.	12/21/2011	5:50:39	Hongjun	McGill University	hjan@physics.mcgill.ca
225.	12/21/2011	5:55:30	Ken Ragan	McGill University	ragan@physics.mcgill.ca
226.	12/21/2011	5:56:38	Robert Brandenberger, CRC Chair, Tier 1	McGill University	rhb@physics.mcgill.ca
227.	12/21/2011	5:57:58	Stephen Ng	McGill University	ncy@physics.mcgill.ca
228.	12/21/2011	6:11:56	Chen Karako	McGill University	chen.karako@mail.mcgill.ca
229.	12/21/2011	6:18:04	Francois Dufour	McGill University	dufourf@physics.mcgill.ca
230.	12/21/2011	6:35:35	James Cline	McGill University	jcline@physics.mcgill.ca
231.	12/21/2011	6:49:27	Aaron Vincent	McGill University	vincenta@physics.mcgill.ca
232.	12/21/2011	7:14:33	Paul Scholz	McGill University	pscholz@physics.mcgill.ca
233.	12/21/2011	7:16:53	Gil Holder	McGill University	holder@physics.mcgill.ca
234.	12/21/2011	7:45:55	Francis-Yan Cyr-Racine	University of British Columbia	francis@phas.ubc.ca
235.	12/21/2011	7:49:17	Harvey Richer	UBC	richer@astro.ubc.ca
236.	12/21/2011	8:14:16	Dr. Hendrik Hildebrandt	University of British Columbia	hendrik@phas.ubc.ca
237.	12/21/2011	8:15:37	Mitchell Young	St. Mary's University, Department of Astronomy and Physics	myoung@ap.smu.ca
238.	12/21/2011	8:43:51	Victor Gaizauskas	Herzberg Institute of Astrophysics	vicgz@rogers.com
239.	12/21/2011	9:05:25	Todd Mackenzie	UBC	todd@phas.ubc.ca
240.	12/21/2011	9:45:16	Paul Franche	McGill University	paul.franche@mail.mcgill.ca
241.	12/21/2011	9:49:57	Doug Johnstone	NRC-HIA	doug.johnstone@nrc-cnrc.gc.ca
242.	12/21/2011	10:09:32	Alexandros Gianninas	Université de Montréal	gianninas@astro.umontreal.ca
243.	12/21/2011	10:18:33	Jaymie Matthews, O.C.	UBC Physics & Astronomy	matthews@astro.ubc.ca
244.	12/21/2011	10:24:27	Peter G Sutherland	McMaster University	pgs@mcmaster.ca
245.	12/21/2011	10:58:11	Tessa Vernstrom	University of British Columbia	tvern@phas.ubc.ca
246.	12/21/2011	10:59:58	Rob D. Cardinal	University of Calgary	rob.cardinal@ucalgary.ca
247.	12/21/2011	11:12:47	Theresa Wiegert	Queen's University	twiegert@astro.queensu.ca
248.	12/21/2011	12:34:34	Dr. Jeroen M. Stil	University of Calgary	stil@ras.ucalgary.ca
249.	12/21/2011	13:27:19	David Woods	University of British Columbia	dwoods@phas.ubc.ca
250.	12/21/2011	17:40:19	Eric Briggs	RASC Toronto Centre	ebriggs@sympatico.ca
251.	12/21/2011	17:46:51	Marjorie Gonzalez	UBC	gonzalez@phas.ubc.ca
252.	12/21/2011	17:47:43	Marc DesRosiers	None	Marc@roculus.ca
253.	12/21/2011	17:48:33	Yvan Dutil	Chaire T3E, École de technologie supérieure, Université du Québec	yvan.dutil@sympatico.ca
254.	12/21/2011	17:52:12	B. Ralph Chou	Royal Astronomical Society of Canada, Toronto Centre and University of Waterloo	bchou@uwaterloo.ca
255.	12/21/2011	17:56:38	Sebastien Guillot	McGill University	guillots@physics.mcgill.ca
256.	12/21/2011	17:58:47	Russell Montgomery	Royal Astronomical Society of Canada	russell@rustyramone.com
257.	12/21/2011	17:58:53	Michelle Johns	RASC	mmjohns@rogers.com
258.	12/21/2011	18:19:30	Laurence Perreault Levasseir	University of Cambridge	lp375@cam.ac.uk
259.	12/21/2011	18:28:02	Sharmin Chowdhury	Royal Astronomical Society of	sc_better@yahoo.com

260.	12/21/2011	18:46:23	Gabriel-Dominique Marleau	Canada, Toronto Centre. McGill University, Montreal (Québec)	gabriel.marleau@mail.mcgill.ca
261.	12/21/2011	19:06:18	Anna Delahaye	McGill Department of Physics	delahaye@physics.mcgill.ca
262.	12/21/2011	21:39:44	Gavin McLeod	Royal Astronomical Society of Canada	gavin_mcleod@telus.net
263.	12/22/2011	3:03:15	A W Masterton	RASC Toronto Centre	smasterton@rogers.com
264.	12/22/2011	3:03:30	Francois van Heerden	RASC	cyberruk@gmail.com
265.	12/22/2011	5:16:23	Doug Carman	Ontario Science Centre	doug.carman@osc.on.ca
266.	12/22/2011	5:17:59	Mark Kaye	RASC	mark.kaye@sympatico.ca
267.	12/22/2011	5:54:11	Scott Young	The Manitoba Museum	scyoun@manitobamuseum.ca
268.	12/22/2011	6:10:26	Jennifer West	University of Manitoba	westjl@cc.umanitoba.ca
269.	12/22/2011	6:15:07	Phil Langill	University of Calgary	pplangil@ucalgary.ca
270.	12/22/2011	6:17:42	Tom Zaranek	Royal Astronomical Society of Canada	tom@zaranek.com
271.	12/22/2011	6:22:44	Gilles Joncas	Université Laval	joncas@phy.ulaval.ca
272.	12/22/2011	6:39:14	Larry Phillips	RASC	lar3ry@sasktel.net
273.	12/22/2011	6:39:26	Sharon Brandow	RASC	gdcCanadian@gmail.com
274.	12/22/2011	6:59:35	David Parfett	RASC Toronto	parfett@rogers.com
275.	12/22/2011	7:47:33	Steven Mairs	University of British Columbia - Okanagan	steven@mairs.biz
276.	12/22/2011	8:05:11	Jonathan Tyler	McGill University	jonathan.tyler@physics.mcgill.ca
277.	12/22/2011	8:19:32	Mickey Milankov, P.Eng	RASC Toronto Chapter	mickey003@ca.inter.net
278.	12/22/2011	8:48:54	Karun Thanjavur	CFHT	karun@cfht.hawaii.edu
279.	12/22/2011	9:04:09	Lawrence Widrow	Queen's University	widrow@astro.queensu.ca
280.	12/22/2011	9:42:00	Pierre Chastenay	Planetarium de Montreal	chastenay@astro.umontreal.ca
281.	12/22/2011	9:42:33	Talayeh Hezareh	Max Planck Institut fuer Radioastronomie	thezareh@mpifr-bonn.mpg.de
282.	12/22/2011	9:43:02	Nathan Leigh	European Space Agency	nleigh@rssd.esa.int
283.	12/22/2011	9:46:21	Michael Bietenholz	York University	mbieten@yorku.ca
284.	12/22/2011	9:47:00	Rachid Ouyed	University of Calgary	rouyed@ucalgary.ca
285.	12/22/2011	9:47:40	Dr Falk Herwig	University of Victoria	ferwig@uvic.ca
286.	12/22/2011	9:51:58	Chris Willott	Herzberg Institute of Astrophysics, NRC	chris.willott@nrc-cnrc.gc.ca
287.	12/22/2011	10:01:43	Neil Rowlands	COM DEV	nrowlands@primus.ca
288.	12/22/2011	10:02:27	Joanne Rosvick	Thompson Rivers University	jrosvick@tru.ca
289.	12/22/2011	10:06:05	Jeremy Heyl	UBC	heyjl@phas.ubc.ca
290.	12/22/2011	10:07:37	Gaelen Marsden	University of British Columbia	gmarsden@phas.ubc.ca
291.	12/22/2011	10:46:13	Simona Lam	University of Toronto	slam@astro.utoronto.ca
292.	12/22/2011	10:48:16	Bahman Karimi	York University	bkarimi@yorku.ca
293.	12/22/2011	10:50:36	Jayanne English	University of Manitoba	jayanne_english@umanitoba.ca
294.	12/22/2011	10:54:01	Kim Venn	University of Victoria	kvenn@uvic.ca
295.	12/22/2011	10:54:09	Behnam Seyed-Mahmoud	University of Lethbridge	seyeb0@uleth.ca
296.	12/22/2011	10:54:21	Daniel Devost	Canada-France-Hawaii Telescope	devost@cfht.hawaii.edu
297.	12/22/2011	10:57:20	Ray Carlberg	University of Toronto	raymond.carlberg@utoronto.ca
298.	12/22/2011	10:57:35	Prof. Charles C. Dyer	University of Toronto	dyer@astro.utoronto.ca
299.	12/22/2011	11:34:13	Peter g Martin	CITA, University of Toronto	pgmartin@cita.utoronto.ca
300.	12/22/2011	11:49:21	Khaled Elshamouty	University of Alberta	alshamou@ualberta.ca
301.	12/22/2011	11:51:15	Dr. Wolfgang Dapp	University of Western Ontario, Canada / Jülich Supercomputing Centre, FZ Jülich, Germany	w.dapp@fz-juelich.de
302.	12/22/2011	11:53:23	William J. F. Wilson	University of Calgary	wjfwilso@ucalgary.ca
303.	12/22/2011	12:01:59	Erik Rosolowsky	U. British Columbia, Okanagan Campus	Erik.rosolowsky@ubc.ca
304.	12/22/2011	12:05:01	William McCutcheon	University of British Columbia	mccutche@phas.ubc.ca
305.	12/22/2011	12:09:20	Scott Jones	University of Western Ontario	sjone7@uwo.ca
306.	12/22/2011	12:27:19	Peter Gao	University of British Columbia	gaoliu2000@gmail.com
307.	12/22/2011	12:30:26	Hugues Lacombe	Société d'astronomie de Montréal	hugueslacombesam@yahoo.ca
308.	12/22/2011	12:42:59	Matthew Shultz	Queen's University/Royal Military College of Canada	matt.shultz@gmail.com
309.	12/22/2011	12:53:14	Dan Taranu	University of Toronto	taranu@astro.utoronto.ca

310.	12/22/2011 12:54:07	Elaine Briere	Queen's University and Royal Military College of Canada	elaine.briere.1@gmail.com
311.	12/22/2011 13:08:15	Jeanette Gladstone	University of Alberta	j.c.gladstone@ualberta.ca
312.	12/22/2011 13:33:09	Peter Newbury	UBC	newbury@phas.ubc.ca
313.	12/22/2011 13:39:05	Diana Dragomir	University of British Columbia	diana@phas.ubc.ca
314.	12/22/2011 14:42:42	Katrina Ince-Lum	Royal Astronomical Society of Canada	roocnu@wepaddle.com
315.	12/22/2011 15:36:18	Dr. Aaron Berndsen	University of British Columbia	berndsen@phas.ubc.ca
316.	12/22/2011 16:42:19	Adrienne Erickcek	CITA	erickcek@cita.utoronto.ca
317.	12/22/2011 16:45:36	Michel Fich	University of Waterloo	fich@uwaterloo.ca
318.	12/22/2011 16:47:53	Ue-Li Pen	University of Toronto	pen@cita.utoronto.ca
319.	12/22/2011 17:17:07	Dr. Lauren A. MacArthur	NRC Herzberg Institute of Astrophysics	Lauren.MacArthur@nrc-cnrc.gc.ca
320.	12/22/2011 20:48:51	Thomas Landecker	Dominion Radio Astrophysical Observatory	tom.landecker@nrc-cnrc.gc.ca
321.	12/22/2011 20:49:02	John Dubinski	University of Toronto	dubinski@astro.utoronto.ca
322.	12/23/2011 3:26:10	Prof. Stephane Courteau	Queen's University	courteau@astro.queensu.ca
323.	12/23/2011 3:48:46	Robert Deupree	Saint Mary's University	bdeupree@ap.smu.ca
324.	12/23/2011 5:44:34	Pierre Chayer	Space Telescope Science Institute	chayer@stsci.edu
325.	12/23/2011 5:57:51	Dr. Michael De Robertis	York University	mmdr@yorku.ca
326.	12/23/2011 6:08:32	Avery Broderick	University of Waterloo	abroderick@uwaterloo.ca
327.	12/23/2011 6:43:55	JeanPhilippe Rheault	Texas A&M University	jprheault@physics.tamu.edu
328.	12/23/2011 6:51:39	David A. Hanes, Professor	Queen's University	hanes@astro.queensu.ca
329.	12/23/2011 6:51:46	Jean-Claude Passy	University of Victoria	jcpassy@uvic.ca
330.	12/23/2011 7:21:44	Brett Gladman	Univ. of British Columbia	gladman@astro.ubc.ca
331.	12/23/2011 7:28:28	Viktor Khalack	Université de Moncton	khalakv@umoncton.ca
332.	12/23/2011 7:59:39	Shantanu Basu	University of Western Ontario	basu@uwo.ca
333.	12/23/2011 10:11:19	Gilles Ferrand	University of Manitoba	gferrand@physics.umanitoba.ca
334.	12/23/2011 11:36:08	Ashley Rüter	Max Planck Institute for Astrophysics	ajr@mpa-garching.mpg.de
335.	12/23/2011 18:40:43	Kianoosh Tahani	University of Calgary	kianoosh_tm@gmail.com
336.	12/23/2011 19:31:51	Michael Zamfir	McGill University	mzamfir@physics.mcgill.ca
337.	12/23/2011 21:18:58	J. Richard Bond	CITA	bond@cita.utoronto.ca
338.	12/24/2011 1:00:11	Richard Newman	RASC, St. John's Centre	newman.richard1@gmail.com
339.	12/24/2011 4:41:51	Stephanie Cote	Herzberg Institute of Astrophysics	Stephanie.Cote@nrc-cnrc.gc.ca
340.	12/24/2011 17:12:57	Prof. Dmitri Pogosyan	University of Alberta	pogosyan@ualberta.ca
341.	12/25/2011 14:45:07	Gordon Walker	UBC	gordonwa@uvic.ca
342.	12/26/2011 7:30:22	Robert Archibald	McGill	robert.archibald@mail.mcgill.ca
343.	12/26/2011 9:54:14	Robert Rutledge	McGill University	rutledge@physics.mcgill.ca
344.	12/26/2011 15:37:09	Marc Sarrasin	RASC	marc_sarrasin@shaw.ca
345.	12/26/2011 17:23:06	Alexandre David-Uraz	Queen's University	alexandre@astro.umontreal.ca
346.	12/27/2011 3:43:58	Peter Dewdney	University of Manchester	dewdney@skatelescope.org
347.	12/27/2011 6:22:41	William Harris	McMaster University	harris@physics.mcmaster.ca
348.	12/27/2011 17:24:03	Gopika K. Sreenilayam	University of Waterloo	gopika@astro.uwaterloo.ca
349.	12/27/2011 17:24:56	Denys Bondar	Princeton University	dbondar@princeton.edu
350.	12/27/2011 20:40:56	Louise Edwards	Mount Allison University	ledwards@mta.ca
351.	12/28/2011 7:03:32	Yevgeni Kissin	University of Toronto	kissin@astro.utoronto.ca
352.	12/28/2011 11:16:16	Sarah Sadavoy	University of Victoria	ssadavoy@uvic.ca
353.	12/28/2011 18:41:58	James Laframboise	York University	jgl@yorku.ca
354.	12/29/2011 6:07:20	Lorne Trottier	Matrox Ltd	lorne.trottier@matrox.com
355.	12/29/2011 14:57:48	Allan Archibald	Acadian Seaplants	aj.arch@ns.sympatico.ca
356.	12/31/2011 6:22:07	Sean Dougherty	NRC-HIA	sean.dougherty@nrc.ca
357.	12/31/2011 12:57:31	Geoffrey Clayton	Louisiana State University	gclayton@fenway.phys.lsu.edu
358.	1/1/2012 13:04:32	David Siminovitch	Department of Physics & Astronomy, The University of Lethbridge	siminovitch@uleth.ca
359.	1/2/2012 13:57:47	Kevin Blagrove	CITA	blagrove@cita.utoronto.ca
360.	1/2/2012 14:17:24	Richard Bochonko	University of Manitoba	Richard_Bochonko@UManitoba.CA
361.	1/2/2012 14:22:40	Alexei Razoumov	SHARCNET	razoumov@sharcnet.ca
362.	1/2/2012 14:42:34	Amanda Schembri	Queen's University	aschembri@astro.queensu.ca
363.	1/2/2012 14:43:27	Dr. E. F. Milone	University of Calgary	milone@ucalgary.ca

364. 1/2/2012 14:45:28	Greg Burley	NRC Herzberg Institute	greg.burley@gmail.com
365. 1/2/2012 14:55:40	Dr John D Landstreet	University of Western Ontario	jlandstr@uwo.ca
366. 1/2/2012 15:05:59	Elaine Briere	Queen's University and Royal Military College of Canada	elaine.briere.1@gmail.com
367. 1/2/2012 15:40:58	Christopher Capobianco	Queen's University	ccapo@astro.queensu.ca
368. 1/2/2012 15:41:24	Takashi Sato	Kwantlen Polytechnic University	takashi.sato@kwantlen.ca
369. 1/2/2012 15:44:32	Mark L. A. Richardson	Arizona State University	Mark.L.Richardson@asu.edu
370. 1/2/2012 15:48:00	Eduardo Hardy	National Radio Astronomy Observatory	ehardy@nrao.edu
371. 1/2/2012 15:50:43	Jasper V Wall	Department of Physics and Astronomy, UBC	jvw@phas.ubc.ca
372. 1/2/2012 17:13:15	Ann Gower	University of Victoria	agower@uvic.ca
373. 1/2/2012 17:28:10	Brian E. Martin	The King's University College	brian.martin@kingsu.ca
374. 1/2/2012 17:56:40	Ralph E. Pudritz	Dept. of Physics and Astronomy, McMaster University; and Origins Institute, McMaster University	pudritz@physics.mcmaster.ca
375. 1/2/2012 17:58:58	Andrew Cumming	McGill University	cumming@physics.mcgill.ca
376. 1/2/2012 18:03:50	Alan Hildebrand	University of Calgary	ahildebr@ucalgary.ca
377. 1/2/2012 18:32:38	Stefan Cartledge	Grant MacEwan University	CartledgeS@macewan.ca
378. 1/2/2012 22:57:11	Ingrid Stairs	University of British Columbia	stairs@astro.ubc.ca
379. 1/3/2012 2:09:32	Dr. Locke Spencer	Cardiff University School of Physics and Astronomy	Locke.Spencer@astro.cf.ac.uk
380. 1/3/2012 2:16:36	Doug Pitcairn	Saint Mary's University	douglas.pitcairn@dal.ca
381. 1/3/2012 3:35:04	Ian Short	Saint Mary's University	ishort@ap.smu.ca
382. 1/3/2012 4:24:40	Jason Sharpe	Saint Mary's University	jason.r.sharpe@gmail.com
383. 1/3/2012 5:36:52	Sherry Hurlburt	Saint Mary's University	sherry.hurlburt@smu.ca
384. 1/3/2012 5:42:31	Ernest Seaquist	University of Toronto	seaquist@astro.utoronto.ca
385. 1/3/2012 6:09:33	Christopher Cooke	Saint Mary's University	ccooke@ap.smu.ca
386. 1/3/2012 7:09:16	Carolyn McCoe	University of Waterloo	cmccoe@astro.uwaterloo.ca
387. 1/3/2012 7:42:34	Sherry Suyu	University of California Santa Barbara	suyu@physics.ucsb.edu
388. 1/3/2012 8:17:25	R. N. Henriksen	Queen's University	henriksn@astro.queensu.ca
389. 1/3/2012 8:40:17	Stephen Gwyn	Canadian Astronomical Data Centre	stephen.gwyn@nrc.ca
390. 1/3/2012 9:55:20	Kipp Cannon	Canadian Institute for Theoretical Astrophysics	kcannon@cita.utoronto.ca
391. 1/3/2012 11:06:48	Arif Babul	University of Victoria	babul@uvic.ca
392. 1/3/2012 13:15:38	Stephanie Keating	University of Toronto	stephanie.keating@utoronto.ca
393. 1/4/2012 4:45:21	John R. Percy	Department of Astronomy & Astrophysics, University of Toronto	john.percyy@utoronto.ca
394. 1/4/2012 5:24:48	Stephen Holland	Space Telescope Science Institute	sholland@stsci.edu
395. 1/4/2012 6:42:01	Karen Lee-Waddell	Royal Military College of Canada	Karen.Lee-Waddell@rmc.ca
396. 1/4/2012 6:50:30	Leslie Harvey	RASC Toronto Centre	leslieharvey1@gmail.com
397. 1/4/2012 11:49:20	Abigail Stevens	University of Alberta	alstevens@ualberta.ca