

**Acott, Phillip**  
Colorado State University  
Campus Delivery 1875  
Fort Collins, CO 80524  
Ph: (970) 491-5880  
acott@lamar.colostate.edu

**Adams, Kimberly**  
Penn State University  
227 EE East Bldg.  
University Park, PA 16802  
Ph: (814) 863-1780  
kla193@psu.edu

**Alken, Patrick**  
University of Colorado - Boulder  
Duane Physics E1B32  
2000 Colorado Ave  
Boulder, CO 80309-0390  
Ph: (303) 497-5480  
alken@colorado.edu

**Ancukiewicz, Damian**  
Columbia University  
205 Kent Hall, MC 9202  
1140 Amsterdam Ave.  
New York, NY 10027  
Ph: (978) 621-6943  
da2260@columbia.edu

**Anderson, D. Scott**  
University of Illinois  
326 CSL  
1308 W. Main  
Urbana, IL 61801  
Ph: (217) 265-0993  
danders9@uiuc.edu

**Anderson, David**  
Univ. of Colorado/CIRES  
NOAA/SEC  
325 Broadway  
Boulder, CO 80303  
Ph: (303) 497-7754  
david.anderson@noaa.gov

**Aponte, Nestor**  
Arecibo Observatory  
HC3 Box 53995  
Arecibo, PR 00612  
Ph: (787) 878-2612  
naponte@naic.edu

**Azeem, Irfan**  
Embry-Riddle Aeronautical University  
600 S. Clyde Morris Blvd  
Daytona Beach, FL 32114  
Ph: (386) 226-7006  
azeem71d@erau.edu

**Bailey, Matt**  
Utah State University  
4415 Old Main Hill  
Logan, UT 84322-4405  
Ph: (435) 797-3519  
mattbailey@cc.usu.edu

**Baltuch, Susan**  
UCAR Visiting Scientist Programs  
P.O. Box 3000  
Boulder, CO 80307  
Ph: (303) 497-8649  
sbaltuch@ucar.edu

**Barjatya, Aroh**  
Utah State University  
4170 Old Main Hill  
Logan, UT 84322  
Ph: (435) 881-1616  
arohb@cc.usu.edu

**Barker-Tvedtnes, Jodie**  
Utah State University  
UMC 4405  
Logan, UT 84322-4405  
Ph: (801) 671-3660  
jodie13@comcast.net

**Bass, Christopher**  
US Air Force  
250 S. Peterson Blvd  
Suite 116  
Peterson AFB, CO 80914  
Ph: (719) 556-0939  
christopher.bass@peterson.af.mil

**Bass, Elizabeth**  
Boston University  
725 Commonwealth Avenue  
Boston, MA 02215  
Ph: (617) 353-2625  
enb@bu.edu

**Baumgardner, Jeff**  
Boston University  
725 Commonwealth Ave  
Boston, MA 02215  
Ph: (617) 353-5639  
jeffreyb@bu.edu

**Beach, Theodore**  
Air Force Research Laboratory  
29 Randolph Rd  
Hanscom AFB, MA 01731  
Ph: (781) 377-8767  
Theodore.Beach@hanscom.af.mil

**Bean, Joseph**  
University of Colorado  
Boulder, CO 80309  
Ph: (720) 940-6693  
joseph.bean@colorado.edu

**Behnke, Richard**  
National Science Foundation  
4201 Wilson Blvd  
Arlington, VA 22230  
Ph: (703) 292-4694  
rbehnke@nsf.gov

**Berkowitz, Zachary**  
University of Washington  
Campus Box 352500  
Seattle, WA 98195  
Ph: (774) 216-9063  
zac@ee.washington.edu

**Bhaneja, Preeti**  
University of Texas at Dallas  
2601 N. FLoyd Road WT15  
Richardson, TX 75080  
Ph: (972) 883-6177  
pxb049000@utdallas.edu

**Bhatt, Asti**  
Cornell University  
304 Rhodes Hall  
Ithaca, NY 14853  
Ph: (607) 255-9070  
anb22@cornell.edu

**Briczinski, Stan**  
Penn State University  
323 EE East  
University Park, PA 16802  
Ph: (814) 865-0188  
sjb144@psu.edu

**Bristow, Bill**  
University of Alaska Fairbanks  
903 Koyukuk Dr.  
Fairbanks, AK 99775  
Ph: (907) 474-7357  
bill.bristow@gi.alaska.edu

**Brower, Laura**  
University of Colorado at Boulder  
ASEN, 429 UCB  
Boulder, CO 80309  
Ph: (201) 919-3884  
laura.brower@colorado.edu

**Bryson, Gwendolyn**  
University of Alaska Fairbanks  
903 Koyukuk Drive  
Fairbanks, AK 99775  
Ph: (907) 474-5124  
ftgrb@uaf.edu

**Bullett, Terence**  
Air Force Research Laboratory  
29 Randolph Road  
Hanscom AFB, MA 01731  
Ph: (303) 497-4788  
Terry.Bullett@noaa.gov

**Burns, Alan**  
NCAR  
PO Box 3000  
Boulder, CO 80307-3000  
Ph: (303) 497-2178  
aburns@ucar.edu

**Bust, Gary**  
ASTRA  
11118 Quail Pass  
San Antonio, TX 78249  
Ph: (512) 947-2689  
gbust@astraspace.net

**Cahoy, Kerri**  
Stanford University  
350 Serra Mall Rm. 325  
Space, Telecomm. and Radio  
Stanford, CA 94305  
Ph: (650) 814-8148  
kerri.cahoy@gmail.com

**Capozzi, Stephen**  
Boston University  
8 Saint Mary's St.  
Boston, MA 02215  
Ph: (315) 427-7476  
scapozzi@bu.edu

**Carlson, Chad**  
Univ. of Illinois at Urbana-Champaign  
1308 W. Main Street  
MC-228  
Urbana, IL 61801  
Ph: (217) 265-0993  
ccarlso2@ad.uiuc.edu

**Carruth, Brent**  
Utah State University  
Department of Physics  
Logan, UT 84322  
Ph: (435) 753-4655  
blcarruth@juno.com

**Chandran, Amal**  
University of Colorado  
1234 Innovation Drive  
Boulder, CO 80303  
Ph: (303) 492-5208  
ramachaa@colorado.edu

**Chang, Loren**  
University of Colorado  
431 UCB  
Boulder, CO 80309-0431  
Ph: (303) 492-1142  
changlc@colorado.edu

**Chapagain, Narayan**  
Utah State University  
Department of Physics, USU  
Logan, UT 84322  
Ph: (435) 797-0889  
npchapagain@cc.usu.edu

**Chau, Jorge**  
Instituto Geofisico del Peru  
Apartado 13-0207  
Lima, 13  
Peru  
Ph: (511) 317-2313  
jchau@jro.igp.gob.pe

**Chen, Chen**  
Virginia Tech  
340 Whittemore Hall  
Blacksburg, VA 24061-0111  
Ph: (540) 818-6395  
chenc@vt.edu

**Chu, Xinzhao**  
University of Colorado at Boulder  
216 UCB, CIRES  
Boulder, CO 80309  
Ph: (303) 492-3280  
Xinzhao.Chu@Colorado.edu

**Clemmons, James**  
The Aerospace Corporation  
P. O. Box 92957  
Mail Station M2/260  
Los Angeles, CA 90009  
Ph: (310) 336-2428  
james.clemmons@aero.org

**Close, Sigrid**  
Los Alamos National Laboratory  
Mail Stop D436  
Los Alamos, NM 87545  
Ph: (505) 667-8793  
sigrid@lanl.gov

**Codrescu, Mihail**  
NOAA  
W/NP9  
325 Broadway  
Boulder, CO 80205  
Ph: (303) 497-6763  
Mihail.Codrescu@noaa.gov

**Collins, Richard**  
University of Alaska Fairbanks  
903 Koyukuk Drive  
Fairbanks, AK 99775  
Ph: (907) 474-7607  
rlc@gi.alaska.edu

**Comberiate, Joseph**  
Johns Hopkins University Applied  
11100 Johns Hopkins Road  
MP3-W189  
Laurel, MD 20723  
Ph: (240) 228-3177  
Joseph.Comberiate@jhuapl.edu

**Cosgrove, Russell**  
SRI International  
333 Ravenswood Ave.  
Menlo Park, CA 94025  
Ph: (650) 859-5914  
russell.cosgrove@sri.com

**Coster, Anthea**  
MIT Haystack Observatory  
Off Route 40  
Westford, MA 01886-1299  
Ph: (781) 981-5753  
ajc@haystack.mit.edu

**Craven, John**  
University of Alaska Fairbanks  
903 Koyukuk Drive  
Fairbanks, AK 99775-7320  
Ph: (907) 474-5888  
craven@gi.alaska.edu

**Criss, Adrienne**  
Johns Hopkins University Applied  
11100 Johns Hopkins Road  
Laurel, MD 20723  
Ph: (814) 574-0933  
acriss@phys.psu.edu

**Crowley, Geoffrey**  
ASTRA, LLC  
11118 Quail Pass  
San Antonio, TX 78249  
Ph: (210) 834-3475  
gcrowley@astraspace.net

**Cucurull, Lidia**  
NOAA/JCSDA  
5200 Auth Road  
Room 207  
Suitland, MD 20770  
Ph: (301) 763-8000  
Lidia.Cucurull@noaa.gov

**Cuevas, Rodolfo**  
Cornell University  
351 Rhodes Hall  
Ithaca, NY 14853  
Ph: (607) 255-8298  
rac32@cornell.edu

**Dahlburg, Jill**  
Naval Research Laboratory  
4555 Overlook Avenue  
Code 7600  
Washington, DC 20375  
Ph: (202) 767-6343  
Jill.Dahlburg@nrl.navy.mil

**Danielides, Michael**  
University of Alaska  
903 Koyukuk Drive  
P.O.BOX 757320  
Fairbanks, AK 99775-7320  
Ph: (907) 474-7075  
michael@gi.alaska.edu

**de La Beaujardiere, Odile**  
Air Force Research Laboratory  
AFRL/VSBXP  
Hanscom AFB, MA 01731  
Ph: (781) 377-2760  
odile.delabeaujardiere@hanscom.af.mil

**de la Pena, Santiago**  
University of Colorado at Boulder  
216 UCB  
Boulder, CO 80309  
Ph: (303) 735-6621  
delapena@ucsu.colorado.edu

**Deng, Yue**  
NCAR/HAO  
UCAR P.O. Box 3000  
Boulder, CO 80303  
Ph: (303) 497-2191  
ydeng@ucar.edu

**Diaz, Marcos**  
Boston University  
8 Saint Mary's St.  
Boston, MA 02215  
Ph: (617) 353-7843  
mardiaz@bu.edu

**Dimant, Yakov**  
Boston University  
725 Commonwealth Ave  
Boston, MA 02215  
Ph: (617) 353-7411  
dimant@bu.edu

**Djuth, Frank**  
Geospace Research, Inc.  
550 North Continental Blvd.  
Suite 110  
El Segundo, CA 90245  
Ph: (310) 322-1160  
djuth@ix.netcom.com

**Doe, Rick**  
SRI International  
333 Ravenswood Avenue  
G-284  
Menlo Park, CA 94025  
Ph: (650) 859-2165  
doe@sri.com

**Donovan, Eric**  
University of Calgary  
2500 University Drive  
Calgary, AB T2N 1N4  
Canada  
Ph: (403) 220-6337  
eric@phys.ucalgary.ca

**Doyle, Timothy**  
Utah State University  
4415 Old Main Hill  
Logan, UT 84322-4415  
Ph: (801) 388-9491  
timdoyle@cc.usu.edu

**Drob, Douglas**  
Naval Research Laboratory  
Code 7643  
4555 Overlook Ave.  
Washington, DC 20375  
Ph: (202) 404-1292  
douglas.drob@nrl.navy.mil

**Dyrud, Lars**  
Center for Remote Sensing  
3702 Pender Dr  
Suite 170  
Fairfax, VA 22030  
Ph: (857) 919-4808  
ldyrud@cfrsi.com

**Eack, Kenneth**  
New Mexico Tech  
801 Leroy Place  
Socorro, NM 87801  
Ph: (505) 835-5427  
keack@nmt.edu

**Earle, Gregory**  
UT Dallas  
2601 N. Floyd Road  
Center for Space Sciences  
Richardson, TX 75083-0688  
Ph: (972) 883-6828  
earle@utdallas.edu

**Eastes, Richard**  
University of Central Florida  
MS: FSI  
Kennedy Space, FL 32899  
Ph: (321) 459-2837  
reastes@mail.ucf.edu

**Eccles, Vince**  
Space Environment Corporation  
221 N Spring Creek Parkway, Suite  
Providence, UT 84332-9791  
Ph: (435) 752-6567  
vince.eccles@spacenv.com

**Ejiri, Mitsumu**  
Utah State University  
4405 Old Main Hill, SER Bldg.  
Logan, UT 84322-4405  
Ph: (435) 797-8128  
mitsumu@cc.usu.edu

**Emery, Barbara**  
NCAR  
3080 Center Green  
Boulder, CO 80301  
Ph: (303) 497-1596  
emery@ucar.edu

**Emmert, John**  
Naval Research Lab  
Code 7643  
4555 Overlook Ave SW  
Washington, DC 20375  
Ph: (202) 767-0467  
john.emmert@nrl.navy.mil

**Erickson, Philip**  
MIT Haystack Observatory  
Off Route 40  
Westford, MA 01886  
Ph: (781) 981-5769  
pje@haystack.mit.edu

**Espinoza, Elizabeth**  
Jicamarca Radio Observatory  
Calle Badajoz 169 IV Etapa Urb.  
Lima, Lim 13-0207  
Peru  
Ph: (005) 113-1723  
esilvestre@jro.igp.gob.pe

**Fang, Tzu-Wei**  
Institute of Space Science  
No.300, Joongda Rd.  
Jhongli City, Taoy 32001  
Taiwan  
Ph: (886) 342-2715  
93623004@cc.ncu.edu.tw

**Fang, Xiaohua**  
University of Michigan  
2455 Hayward Street  
Ann Arbor, MI 48109-2143  
Ph: (734) 647-9689  
xhfang@umich.edu

**Farias Guterrez, Paloma**  
CU Boulder  
CIRES  
216 UCB  
Boulder, CO 80309  
Ph: (303) 735-0940  
paloma.farias@colorado.edu

**Farley, Donald**  
Cornell University  
300 Rhodes Hall  
Ithaca, NY 14853  
Ph: (607) 255-7121  
donf@ece.cornell.edu

**Fedrizzi, Mariangel**  
NOAA/SEC - U of Colorado/CIRES  
325 Broadway  
Boulder, CO 80305  
Ph: (303) 497-3833  
Mariangel.Fedrizzi@noaa.gov

**Fentzke, Jonathan**  
University of Colorado  
3380 Mitchell Lane  
216 UCB  
Boulder, CO 80301  
Ph: (303) 415-9701  
jonathan.fentzke@colorado.edu

**Fesen, Cassandra**  
National Science Foundation  
4201 Wilson Blvd  
Arlington, VA 22230  
Ph: (703) 292-8529  
cfesen@nsf.gov

**Fish, Chad**  
Space Dynamics Laboratory  
1695 N. Research Parkway  
Logan, UT 84341-1947  
Ph: (435) 797-0469  
Chad.Fish@sdl.usu.edu

**Fiske, Peter**  
PAX Mixer, Inc.  
5824 Chabot Rd  
Oakland, CA 94618  
Ph: (415) 309-0336  
peterfiske@yahoo.com

**Forbes, Jeffrey**  
University of Colorado UCB429  
ECOT-634  
Boulder, CO 80309-0429  
Ph: (303) 492-4359  
forbes@colorado.edu

**Foster, John**  
MIT Haystack Observatory  
Route 40  
Westford, MA 01886  
Ph: (781) 981-5621  
jfoster@haystack.mit.edu

**Fox, Peter**  
NCAR  
P.O. Box 3000  
Boulder, CO 80307  
Ph: (303) 497-1511  
pfox@ucar.edu

**Friedman, Jonathan**  
NAIC Arecibo Observatory  
HC-03 Box 53995  
Arecibo, PR 00612  
Ph: (787) 878-2612  
jonathan@naic.edu

**Fritts, Dave**  
Nwra/CoRA  
3380 Mitchell Lane  
Boulder, CO 80301  
Ph: (303) 415-9701  
dave@cora.nwra.com

**Gardner, Chester**  
University of Illinois  
254 Henry Administration Building,  
506 S. Wright St.  
Urbana, IL 61801  
Ph: (217) 333-2211  
cgardner@uillinois.edu

**Garner, Trevor**  
Applied Research Labs.: Univ. of Texas  
P. O. Box 8029  
Austin, TX 78713  
Ph: (512) 835-3664  
garner@arlut.utexas.edu

**Gerrard, Andrew**  
New Jersey Institute of Technology  
Cntr for Solar-Terrestrial Research  
323 Martin Luther King Boulevard  
Newark, NJ 07102-1982  
Ph: (973) 596-3360  
andrew.j.gerrard@njit.edu

**Goncharenko, Larisa**  
MIT Haystack Observatory  
Off Route 40  
Westford, MA 01886  
Ph: (781) 981-5622  
lpg@haystack.mit.edu

**Greer, Katelynn**  
University of Colorado  
429 UCB  
Boulder, CO 80309  
Ph: (970) 310-4628  
katelynn.greer@colorado.edu

**Guturu, Harendra**  
University of California, Berkeley  
Cory Hall  
Berkeley, CA 94720  
Ph: (214) 558-8482  
hguturu@berkeley.edu

**Hagan, Maura**  
NCAR  
P.O. Box 3000  
Boulder, CO 80307-3000  
Ph: (303) 497-1537  
hagan@ucar.edu

**Hairston, Marc**  
University of Texas at Dallas  
PO Box 830688 WT15  
Richardson, TX 75083-0688  
Ph: (972) 883-2826  
hairston@utdallas.edu

**Hampton, Donald**  
University of Alaska  
903 Koyukuk Dr  
PO Box 757320  
Fairbanks, AK 99775-7320  
Ph: (907) 455-2256  
dhampton@gi.alaska.edu

**Han, Feng**  
Duke University  
Durham, NC 27708  
Ph: (919) 660-5232  
feng.han@duke.edu

**Harmon, William**  
Rochester Institute of Technology  
One Lomb Memorial Drive  
Rochester, NY 14623-5603  
Ph: (978) 501-4141  
wch7693@gmail.com

**Harrell, Sean**  
Colorado State University  
1875 Campus Delivery  
Fort Collins, CO 80523  
Ph: (970) 491-5646  
sharrell@lamar.colostate.edu

**Hassiotis, Alexander**  
Penn State University  
213 Electrical Engineering East  
State College, PA 16801  
Ph: (814) 308-4273  
adh180@psu.edu

**Heavner, Matt**  
University of Alaska Southeast  
11120 Glacier Highway  
Juneau, AK 99801  
Ph: (907) 796-6403  
matt.heavner@uas.alaska.edu

**Hecht, James**  
The Aerospace Corporation  
PO Box 92957  
Mail Stop M2-259  
Los Angeles, CA 90009  
Ph: (310) 336-7017  
james.hecht@aero.org

**Hedden, Russell**  
Clemson University  
PO Box 1461  
Clemson, SC 29633  
Ph: (864) 650-6378  
rhedden@clemson.edu

**Hei, Matthew**  
Boston College  
St Clement's Hall 413  
140 Commonwealth Avenue  
Chestnut Hill, MA 02467  
Ph: (617) 552-4153  
hei@bc.edu

**Heinselmann, Craig**  
SRI International  
333 Ravenswood Ave.  
Menlo Park, CA 94025  
Ph: (650) 859-3777  
craig.heinselmann@sri.com

**Hoeffner, Josef**  
Leibniz-Institute of Atmospheric Physics  
Schloss-Str. 6  
Kuehlungsborn, MV 18225  
Germany  
Ph: (493) 829-3681  
hoeffner@iap-kborn.de

**Holt, John**  
MIT  
Route 40  
Westford, MA 01886  
Ph: (781) 981-5625  
jmh@haystack.mit.edu

**Hope, Elyse**  
Stanford University/SRI International  
333 Ravenswood Ave  
Menlo Park, CA 94025-3493  
Ph: (503) 734-9518  
elyseh@stanford.edu

**Huang, Chaosong**  
Massachusetts Institute of Technology  
Route 40  
Westford, MA 01886  
Ph: (781) 981-5628  
cshuang@haystack.mit.edu

**Huang, Cheryl**  
Air Force Research Laboratory  
29 Randolph Rd.  
Hanscom AFB, MA 01731  
Ph: (781) 377-1312  
cheryl.huang@hanscom.af.mil

**Huang, Tai-Yin**  
Penn State Lehigh Valley  
8380 Mohr Lane  
Fogelsville, PA 18051  
Ph: (610) 285-5100  
tuh4@psu.edu

**Huang, Wentao**  
University of Colorado at Boulder  
216 UCB CIRES BLDG  
Boulder, CO 80309  
Ph: (303) 735-1466  
wentao.huang@colorado.edu

**Huba, Joseph**  
Naval Research Laboratory  
Code 6790  
Washington, DC 20375  
Ph: (202) 767-6863  
huba@ppd.nrl.navy.mil

**Hysell, David**  
Cornell University  
2108 Snee Hall  
Ithaca, NY 14853  
Ph: (607) 255-0630  
dlh37@cornell.edu

**Ilma, Ronald**  
Jicamarca Radio Observatory,  
Radio Observatorio de Jicamarca s/n  
Lima, 13-0207  
Peru  
Ph: (511) 317-2313  
rilma@jro.igp.gob.pe

**Immel, Thomas**  
University of California at Berkeley  
Centennial at Grizzly Peak  
Berkeley, CA 94720  
Ph: (510) 643-3504  
immelt@ssl.berkeley.edu

**Ingersoll, Justin**  
Clemson University  
118 Kinard Lab  
Clemson, SC 29634  
Ph: (864) 656-0933  
jingers@clemson.edu

**Jackel, Brian**  
University of Calgary  
2500 University Drive N.W.  
Calgary, AB T2N 1N4  
Canada  
Ph: (403) 220-4271  
brian.jackel@ucalgary.ca

**Janches, Diego**  
NWRA/CoRA Div.  
3380 Mitchell Lane  
Boulder, CO 80301  
Ph: (303) 415-9701  
diego@cora.nwra.com

**Jee, Geonhwa**  
Korea Polar Research Institute, KORDI  
Songdo Techno Park, 7-50,  
Songdo-dong, Yeonsu-gu  
Incheon, Inch 406-840  
South Korea  
Ph: (823) 226-0613  
ghjee@kopri.re.kr

**Johnson, Kyle**  
University of Colorado  
431 UCB  
Boulder, CO 80309-0431  
Ph: (720) 320-2203  
kyjohnso@gmail.com

**Kafle, Durga**  
Utah State University  
4415 Old Main Hill  
Logan, UT 84322  
Ph: (435) 797-3350  
dnkafle@cc.usu.edu

**Kalogerakis, Konstantinos**  
SRI International  
333 Ravenswood Avenue  
Menlo Park, CA 94025  
Ph: (650) 859-3398  
konstantinos.kalogerakis@sri.com

**Kammae, Takeshi**  
University of Alaska, Fairbanks  
Geophysical Institute  
903 Koyukuk Drive  
Fairbanks, AK 99775  
Ph: (907) 474-7578  
tkammae@gi.alaska.edu

**Kang, Chunmei**  
University of Colorado at Boulder  
431 UCB  
Boulder, CO 80309  
Ph: (303) 735-2487  
chunmei.kang@colorado.edu

**Kebede, Abebe**  
North Carolina A & T State University  
Marteena Hall, Room 320  
1601 East Market Street  
Greensboro, NC 27411  
Ph: (336) 334-7646  
gutaye@ncat.edu

**Kelley, Michael**  
Cornell University  
320 Rhodes Hall  
Ithaca, NY 14853  
Ph: (607) 255-7425  
mck13@cornell.edu

**Kelly, John**  
SRI International  
333 Ravenswood Ave.  
Menlo Park, CA 94025  
Ph: (650) 859-3749  
kelly@sri.com

**Kerr, Robert**  
Arecibo Observatory  
HC-03 Box 53995  
Arecibo, PR 00612-9400  
Ph: (787) 878-2612  
rkerr@naic.edu

**Kim, Jeong-Han**  
Chungnam National University  
Gung-Dong 220, Yuseong-Gu  
Daejeon, Chu 305-764  
Republic of Korea  
Ph: (042) 821-7492  
jh\_kim02@cnu.ac.kr

**Kim, Yongha**  
Chungnam National University  
Gung-dong, Yuong-Gu  
Daejeon, 305-764  
Republic of Korea  
Ph: (824) 282-1546  
yhkim@cnu.ac.kr

**Kintner, Paul**  
Cornell University  
302 Rhodes Hall  
Ithaca, NY 14853  
Ph: (607) 255-5304  
pmk1@cornell.edu

**Klenzing, Jeffrey**  
University of Texas at Dallas  
PO Box 830688  
WT 15  
Richardson, TX 75083  
Ph: (972) 883-6177  
jeffk@utdallas.edu

**Klumpar, David**  
Montana State University  
EPS 264SSEL  
PO Box 173840  
Bozeman, MT 59717-3840  
Ph: (406) 994-6169  
klump@physics.montana.edu

**Krall, Jonathan**  
Naval Research Laboratory  
4555 Overlook Ave, SW  
Code 6794  
Washington, DC 20375-5346  
Ph: (202) 404-7719  
jonathan.krall@nrl.navy.mil

**Kurdzo, James**  
Millersville University of Pennsylvania  
PO Box 1002  
1 South George Street  
Millersville, PA 17551  
Ph: (978) 337-1823  
jmkurdzo@marauder.millersville.edu

**Kuznetsova, Maria**  
NASA Goddard Space Flight Center  
Code 674  
Greenbelt, MD 20771  
Ph: (301) 286-9571  
Maria.M.Kuznetsova@nasa.gov

**Kwak, Young-Sil**  
NCAR  
3080 Center Green  
Boulder, CO 80301  
Ph: (303) 497-1505  
yskwak@ucar.edu

**Larsen, Miguel**  
Clemson University  
118 Kinard Lab  
Clemson, SC 29634  
Ph: (864) 656-5309  
mlarsen@clemson.edu

**Lau, Elias**  
University of Colorado  
216 UCB  
Boulder, CO 80309-0216  
Ph: (303) 492-4625  
Elias.Lau@Colorado.EDU

**Lei, Jiuhou**  
HAO/NCAR  
3080 Center Green, CG1  
Boulder, CO 80301  
Ph: (303) 497-1584  
leijh@ucar.edu

**Li, Jingbo**  
Duke University  
129 Hudson Hall  
Box 90291  
Durham, NC 27708  
Ph: (919) 660-5232  
jl108@ee.duke.edu

**Li, Lin**  
Clemson University  
118 Kinard Lab  
Clemson, SC 29634-0978  
Ph: (864) 656-5326  
lli@clemson.edu

**Li, Zhenhua**  
Univ. of Illinois at Urbana-Champaign  
105 S Gregory St.  
RM 101  
Urbana, IL 61801  
Ph: (217) 265-0993  
zli2@uiuc.edu

**Lieberman, Ruth**  
Northwest Research Associates Inc  
3380 Mitchell Lane  
Boulder, CO 80026  
Ph: (303) 415-9701  
ruth@cora.nwra.com

**Line, Michael**  
University of Wisconsin-Madison  
1150 University Ave  
Madison, WI 53706  
Ph: (608) 262-1152  
mline@wisc.edu

**Liu, Alan**  
Univ. of Illinois at Urbana-Champaign  
1308 W Main St  
308 CSL  
Urbana, IL 61801  
Ph: (217) 333-6982  
liuzr@uiuc.edu

**Liu, Hanli**  
NCAR  
PO Box 3000  
Boulder, CO 80307-3000  
Ph: (303) 497-1564  
liuh@ucar.edu

**Liu, Ningyu**  
Penn State University  
Department of Electrical Engineering  
University Park, PA 16802  
Ph: (814) 863-1780  
null105@psu.edu

**Livneh, Dorey**  
Penn State University  
323 EE East  
University Park, PA 16801  
Ph: (814) 865-0188  
dul121@psu.edu

**Loughmiller, Pamela**  
Embry-Riddle Aeronautical University  
600 South Clyde Morris Boulevard  
Daytona Beach, FL 32114  
Ph: (386) 323-8971  
pL53@cornell.edu

**Lu, Xian**  
UIUC  
105 S. Gregory St.  
Urbana, IL 61801  
Ph: (217) 333-2931  
xianlu2@uiuc.edu

**Luan, Xiaoli**  
HAO/NCAR  
3080 Center Green, CG1  
Boulder, CO 80301  
Ph: (303) 497-1514  
luanxl@ucar.edu

**Lummerzheim, Dirk**  
University of Alaska  
Geophysical Institute  
Fairbanks, AK 99775-7320  
Ph: (907) 474-7564  
lumm@gi.alaska.edu

**Lundberg, Erik**  
Cornell University  
303 Rhodes Hall  
Cornell University  
Ithaca, NY 14850  
Ph: (651) 353-8256  
etl22@cornell.edu

**Makela, Jonathan**  
Univ. of Illinois at Urbana-Champaign  
1308 W. Main Street  
316 CSL  
Urbana, IL 61801  
Ph: (217) 265-9470  
jmakela@uiuc.edu

**Malhotra, Akshay**  
Penn State  
121 EE East, University Park  
State College, PA 16802  
Ph: (814) 865-0188  
arm239@psu.edu

**Mannucci, Anthony**  
JPL/Caltech  
4800 Oak Grove Drive  
MS 138-308  
Pasadena, CA 91109  
Ph: (818) 354-1699  
Tony.Mannucci@jpl.nasa.gov

**Marsh, Dan**  
NCAR  
P.O. Box 3000  
Boulder, CO 80307-3000  
Ph: (303) 497-1160  
marsh@ucar.edu

**Martinez, Ellen**  
UCAR  
3300 Mitchell Lane  
Suite 2200  
Boulder, CO 80301  
Ph: (303) 497-8686  
martinez@ucar.edu

**Martinis, Carlos**  
Boston University  
725 Commonwealth Ave.  
Boston, MA 02215  
Ph: (617) 353-5258  
martinis@bu.edu

**Maruyama, Naomi**  
CIRES, CU and NOAA SEC  
325 Broadway  
Boulder, CO 80305  
Ph: (303) 497-4857  
naomi.maruyama@noaa.gov

**Masurkar, Amrita**  
Massachusetts Institute of Technology  
3 Ames Street  
Cambridge, MA 02142  
Ph: (978) 490-7619  
spamrita@mit.edu

**Matta, Majd**  
Boston University  
725 Commonwealth Avenue  
Rm 514  
Boston, MA 02215  
Ph: (508) 287-6207  
majdm@bu.edu

**McCready, Mary**  
SRI International  
333 Ravenswood Ave.  
Menlo Park, CA 94025  
Ph: (650) 859-5084  
mary.mccready@sri.com

**McEwen, Don**  
University of Saskatchewan  
116 Science Crescent  
Saskatoon, SK S7N 5E2  
Canada  
Ph: (306) 966-6440  
don.mcewen@usask.ca

**Medeiros, Amauri**  
Utah State University  
4405 Old Main Hill  
Logan, UT 84322  
Ph: (435) 797-3519  
afragoso@df.ufcg.edu.br

**Melssen, Sarah**  
University of Colorado  
UCB 431  
Boulder, CO 80309-0429  
Ph: (303) 492-3105  
Sarah.Melssen@colorado.edu

**Mende, Stephen**  
SSL, Space Science Laboratory,  
7 Gauss Way  
Berkeley, CA 94720  
Ph: (510) 642-0876  
mende@ssl.berkeley.edu

**Meriwether, John**  
Clemson University  
208 Kinard Laboratory  
Clemson, SC 29634-0978  
Ph: (864) 656-0915  
john.meriwether@ces.clemson.edu

**Meyer, Melissa**  
Michigan Technological University  
1400 Townsend Drive  
Houghton, MI 49931  
Ph: (906) 487-3116  
mgmeyer@mtu.edu

**Michell, Robert**  
Dartmouth College  
6127 Wilder Laboratory  
Hanover, NH 03755  
Ph: (603) 646-2972  
robert.michell@dartmouth.edu

**Michhue, Gabriel**  
Cornell University  
2122 Snee Hall  
Ithaca, NY 14853  
Ph: (217) 778-7487  
gpm27@cornell.edu

**Mierkiewicz, Edwin**  
University of Wisconsin - Madison  
1150 University Ave  
Madison, WI 53706  
Ph: (608) 262-1152  
emierk@wisp.physics.wisc.edu

**Milla, Marco**  
Univ. of Illinois Urbana-Champaign  
312 Coordinated Science Laboratory  
1308 West Main  
Urbana, IL 61801  
Ph: (217) 333-4155  
mmilla@uiuc.edu

**Miller, Ethan**  
Univ. of Illinois Urbana-Champaign  
Coordinated Science Laboratory MC  
1308 W Main St  
Urbana, IL 61801  
Ph: (217) 265-0993  
esmiller@uiuc.edu

**Moldwin, Mark**  
UCLA  
Box 951567  
Los Angeles, CA 90095-1567  
Ph: (310) 825-5556  
mmoldwin@ucla.edu

**Mulligan, Frank**  
National University of Ireland Maynooth  
North Campus  
Maynooth, Co. 001  
Ireland  
Ph: (170) 837-46  
frank.mulligan@nuim.ie

**Mwene, Anthony**  
University of Texas at Dallas  
PO Box 830688  
WT 15  
Richardson, TX 75083  
Ph: (972) 883-6177  
tonymusumba@yahoo.com

**Narvaez, Clara**  
Boston University  
725 Commonwealth Ave.  
Boston, MA 02215  
Ph: (617) 850-5292  
cnarvaez@bu.edu

**Nicolls, Michael**  
SRI International  
333 Ravenswood Avenue  
Menlo Park, CA 94025  
Ph: (650) 859-4813  
michael.nicolls@sri.com

**Nikoukar, Romina**  
Univ. of Illinois at Urbana-Champaign  
1308 W. Main #309  
Urbana, IL 61801  
Ph: (217) 333-4152  
nikoukar@uiuc.edu

**Nishioka, Michi**  
Kyoto University, Japan  
4th building of Science department,  
Oiwake-cho, Kitashirakawa, Sakyo-  
Kyoto, Kyot 604-8502  
Japan  
Ph: (817) 575-3395  
nishioka@kugi.kyoto-u.ac.jp

**Noel, Jean-Marc**  
Royal Military College of Canada  
PO Box 17000 Station  
Kingston, ON K7K 7B4  
Canada  
Ph: (613) 541-6000  
Jean-Marc.Noel@rmc.ca

**Nossa, Eliana**  
Cornell University  
2122 Snee Hall, Cornell University  
Ithaca, NY 14850  
Ph: (607) 339-1563  
en45@cornell.edu

**Nossal, Susan**  
University of Wisconsin-Madison  
1150 University Ave.  
Madison, WI 53706  
Ph: (608) 262-9107  
nossal@physics.wisc.edu

**Noto, John**  
Scientific Solutions Inc.  
55 Middlesex Street  
Unit 210  
North Chelmsford, MA 01863  
Ph: (978) 251-4554  
noto@sci-sol.com

**Pacheco, Edgardo**  
University of Texas at Dallas  
2601 N. Floyd Road WT15  
Richardson, TX 75080  
Ph: (972) 883-6177  
edgardo.pacheco@student.utdallas.edu

**Palo, Scott**  
University of Colorado  
429 UCB  
Boulder, CO 80309-0429  
Ph: (303) 492-4289  
palo@colorado.edu

**Parris, Richard**  
Geophysical Institute  
903 Koyukuk Drive  
Fairbanks, AK 99775  
Ph: (907) 474-5124  
ftrtp@uaf.edu

**Pawlowski, David**  
University of Michigan  
2455 Hayward St.  
Ann Arbor, MI 48109  
Ph: (734) 709-0311  
dpawlows@umich.edu

**Paxton, Larry**  
The Johns Hopkins University  
11100 Johns Hopkins Rd  
Laurel, MD 20723  
Ph: (240) 228-6871  
larry.paxton@jhuapl.edu

**Pfaff, Robert**  
NASA/Goddard Space Flight Center  
Mail Code 612.3  
Greenbelt, MD 20771  
Ph: (301) 286-6328  
Robert.F.Pfaff@nasa.gov

**Pi, Xiaoqing**  
Jet Propulsion Laboratory  
M/S 138-308  
4800 Oak Grove Drive  
Pasadena, CA 91109  
Ph: (818) 354-4257  
Xiaoqing.Pi@jpl.nasa.gov

**Picard, Richard**  
Air Force Research Laboratory  
AFRL/VSBYM  
29 Randolph Road  
Hanscom AFB, MA 01731-3010  
Ph: (781) 377-2222  
richard.picard@hanscom.af.mil

**Pinedo Nava, Henry**  
Jicamarca Radio Observatory  
Calle Badajoz # 169 - Mayorazgo IV  
Lima, Lim 13-0207  
Peru  
Ph: (511) 317-2313  
hpinedo@jro.igp.gob.pe

**Plane, John**  
University of Leeds  
Woodhouse Lane  
Leeds, West LS2 9JT  
United Kingdom  
Ph: (441) 133-4380  
j.m.c.plane@leeds.ac.uk

**Raizada, Shikha**  
Arecibo Observatory  
HC-03 Box 53995  
Arecibo, PR 00612  
Puerto Rico  
Ph: (787) 878-2612  
shikha@naic.edu

**Ramani, Aditya**  
The Pennsylvania State University  
University Park  
State College, PA 16801  
Ph: (814) 321-2032  
azr134@psu.edu

**Ranjan, Sukrit**  
SRI International  
333 Ravenswood Avenue  
Menlo Park, CA 94025-3493  
Ph: (203) 671-9115  
sukrit@mit.edu

**Redmon, Rob**  
NOAA/NGDC  
325 Broadway  
Boulder, CO 80305  
Ph: (303) 497-4331  
rob.redmon@noaa.gov

**Reimuller, Jason**  
University of Colorado  
UCB 429  
Boulder, CO 80302  
Ph: (720) 352-3227  
reimulle@colorado.edu

**Reising, Steven**  
Colorado State University  
1373 Campus Delivery  
Fort Collins, CO 80523-1373  
Ph: (970) 491-2228  
Steven.Reising@ColoState.edu

**Retterer, John**  
Air Force Research Lab.  
29 Randolph Rd  
Hanscom AFB, MA 01731  
Ph: (781) 377-3891  
john.retterer@hanscom.af.mil

**Reyes, Pablo**  
Univ. of Illinois Urbana-Champaign  
1308 W Main, Of. 312  
Urbana, IL 61801  
Ph: (217) 898-9291  
pmreyes2@uiuc.edu

**Rice, Donald**  
Utah State University  
SER 246  
Logan, UT 84322-4405  
Ph: (435) 752-6567  
Don.Rice@usu.edu

**Richards, Phil**  
George Mason University  
4400 University Dr  
Fairfax, VA 22030  
Ph: (256) 683-9141  
richards@cs.uah.edu

**Richmond, Arthur**  
NCAR  
PO Box 3000  
Boulder, CO 80307-3000  
Ph: (303) 497-1570  
richmond@ucar.edu

**Rickard, Lee J**  
University of New Mexico  
1 University of New Mexico  
MSC05 3480  
Albuquerque, New 87131  
Ph: (505) 272-7100  
lrickard@unm.edu

**Rideout, William**  
MIT Haystack  
Route 40  
Westford, MA 01886  
Ph: (781) 981-5624  
brideout@haystack.mit.edu

**Riggin, Dennis**  
Colorado Research Associates  
3380 Mitchell Lane  
Boulder, CO 80301  
Ph: (303) 415-9701  
riggin@colorado-research.com

**Riousset, Jeremy**  
The Pennsylvania State University  
Electrical Engineering East  
Room 227  
University Park, PA 16802  
Ph: (814) 863-1780  
jar471@psu.edu

**Robinson, Robert**  
National Science Foundation  
4201 Wilson Blvd.  
Arlington, VA 22230  
Ph: (703) 292-8529  
rmrobins@nsf.gov

**Robles, Eva**  
Arecibo Observatory  
HC-03 Box 53995  
Arecibo, PR 00612  
Puerto Rico  
Ph: (787) 878-2612  
erobles@naic.edu

**Roddy, Patrick**  
University of Texas at Dallas  
PO 830688, WT15  
Richardson, TX 75083-0688  
Ph: (972) 883-5329  
rodny@utdallas.edu

**Rodrigues, Fabiano**  
Cornell University  
2122 Snee Hall  
Ithaca, NY 14853  
Ph: (607) 280-7851  
fsr5@cornell.edu

**Roesler, Fred**  
University of Wisconsin  
1150 University Ave.  
Madison, WI 53706  
Ph: (608) 262-1495  
roesler@wisp.physics.wisc.edu

**Rogan, Thomas**  
Clemson University  
118 Kinard Laboratory  
Clemson, SC 29634-0978  
Ph: (864) 656-1427  
trogan@umd.edu

**Ruohoniemi, J.**  
Johns Hopkins University Applied  
MP3\_W185, JHU/APL  
11100 Johns Hopkins Road  
Laurel, MD 20723-6099  
Ph: (240) 228-4572  
mike.ruohoniemi@jhuapl.edu

**Sahr, John**  
University of Washington  
Paul Allen Center rom AE103  
Stevens Way  
Seattle, WA 98195  
Ph: (206) 685-4816  
jdsahr@u.washington.edu

**Saleh, Ziad**  
Florida Institute of Technology  
150 W Univ Blvd  
Melbourne, FL 32901  
Ph: (321) 674-8098  
zsaleh@fit.edu

**Santos, Pedrina**  
Arecibo Observatory  
HC3 BOX 53995  
Arecibo, PR 00612  
Puerto Rico  
Ph: (787) 878-2612  
pterra@naic.edu

**Saotome, Ryo**  
Trinity College  
300 Summit Street  
Hartford, CT 06106  
Ph: (617) 835-6386  
ryo.saotome@trincoll.edu

**Sazykin, Stanislav**  
Rice University  
Physics and Astronomy, MS-108  
6100 South Main St.  
Houston, TX 77005-1892  
Ph: (713) 348-3628  
sazykin@rice.edu

**Scherliess, Ludger**  
Utah State University  
4405 Old Main Hill, SER 246  
Logan, UT 84322-4405  
Ph: (435) 797-7189  
ludger@gaim.cass.usu.edu

**Schmidt, Carl**  
Boston University  
725 Commonwealth Avenue  
Boston, MA 02215  
Ph: (303) 579-6626  
schmidtc@bu.edu

**Schunk, Robert**  
Utah State University  
4405 Old Main Hill, SER 246  
Logan, UT 84322-4405  
Ph: (435) 797-2978  
schunk@cc.usu.edu

**Scipion, Danny**  
University of Oklahoma  
120 David L. Boren Blvd.  
NWC - Suite 5900  
Norman, OK 73072  
Ph: (217) 979-2825  
dscipion@ou.edu

**Seker, Ilgin**  
Penn State University  
University Park, PA 16802  
State College, PA 16802  
Ph: (814) 865-0188  
ius102@psu.edu

**Semeter, Joshua**  
Boston University  
8 Saint Mary's St.  
Boston, MA 02215  
Ph: (617) 358-3498  
jls@bu.edu

**She, Chiao-Yao**  
Colorado State University  
200 W. Lake Street  
Fort Collins, CO 80523-1875  
Ph: (970) 491-6261  
joeshe@lamar.colostate.edu

**Sheffield, Amanda**  
Arecibo Observatory, NAIC (Purdue)  
HC03 Box 53995  
Arecibo, Puer 00612  
Ph: (440) 213-6034  
asheffie@purdue.edu

**Shepherd, Simon**  
Dartmouth College  
8000 Cummings Hall  
Hanover, NH 03755  
Ph: (603) 646-0096  
simon@thayer.dartmouth.edu

**Shim, Ja Soon**  
Utah State University  
4405 Old Main Hill  
Logan, UT 84322-4405  
Ph: (435) 797-2939  
jsshim@cc.usu.edu

**Simkhada, Deepak**  
Utah State University  
SER Bldg 250, 4415 Old Main Hill  
Logan, UT 84322  
Ph: (435) 797-3519  
dbsimkhada@gmail.com

**Siskind, David**  
Naval Research Laboratory  
4555 Overlook Ave SW  
Washington, DC 20375  
Ph: (202) 767-0928  
david.siskind@nrl.navy.mil

**Smith, Camille**  
Arecibo Observatory Utah State Univ  
Department of Physics  
Logan, UT 84322  
Ph: (801) 347-9348  
camsmith@cc.usu.edu

**Smith, Roger**  
Geophysical Institute, UAF  
903 Koyukuk Drive  
P.O. Box 757320  
Fairbanks, AK 99775  
Ph: (907) 474-7282  
roger.smith@gi.alaska.edu

**Smith, Steven**  
Boston University  
725 Commonwealth Avenue  
Boston, MA 02215  
Ph: (617) 353-6658  
smsm@bu.edu

**Snively, Jonathan**  
Penn State University  
227 Electrical Engr. East  
University Park, PA 16802  
Ph: (814) 404-2048  
jbs231@psu.edu

**Sojka, Jan**  
Utah State University  
4405 Old Main Hill  
Logan, UT 84322-4405  
Ph: (435) 797-2964  
fasojka@sojka.cass.usu.edu

**Spaleta, Jef**  
Geophysical Institute  
903 Koyukuk Drive  
Univ. of Alaska  
Fairbanks, AK 99775-7320  
Ph: (907) 474-6316  
jspaleta@gi.alaska.edu

**Sparks, Jonathan**  
University of Colorado  
390 UCB  
Boulder, CO 80309  
Ph: (303) 415-9701  
sparksj@colorado.edu

**Stanley, Mark**  
114 Mesa Verde Rd  
Jemez Springs, NM 87025-9359  
Ph: (505) 667-8353  
sparky@mark-stanley.com

**Stenbaek-Nielsen, Hans**  
Geophysical Institute  
University of Alaska  
Fairbanks, AK 99775  
Ph: (907) 474-7414  
hnielsen@gi.alaska.edu

**Stromme, Anja**  
EISCAT Scientific Association  
Box 432  
Longyearbyen, Sval 9171  
Norway  
Ph: (477) 902-1236  
anja@eiscat.se

**Sulzer, Michael**  
Arecibo Observatory  
HC 3 Box 53995  
Arecibo, PR 00612-9136  
Ph: (787) 878-2612  
msulzer@naic.edu

**Sun, Shuxiang**  
Geophysical institute of Univ of Alaska  
903 Koyukuk Drive, Univ. of  
Fairbanks, AK 99775  
Ph: (907) 474-5124  
ftss1@uaf.edu

**Sunderland, Matthew**  
Penn State University  
332 EE East  
University Park, PA 16802  
Ph: (717) 250-8140  
mds5000@psu.edu

**Swartz, Wesley**  
Cornell University  
316 Rhodes Hall  
Ithaca, NY 14853  
Ph: (607) 255-7120  
wes@ece.cornell.edu

**Swenson, Charles**  
Utah State University  
4170 Old Main Hill  
Logan, UT 84322  
Ph: (435) 797-2958  
charles.swenson@usu.edu

**Swenson, Gary**  
Univ. of Illinois at Urbana-Champaign  
1308 W. Main Street, 315a CSL  
Urbana, IL 61801-2307  
Ph: (217) 333-4232  
swenson1@uiuc.edu

**Syndergaard, Stig**  
UCAR  
3300 Mitchell Lane  
Boulder, Colo 80301  
Ph: (303) 497-2614  
ssy@ucar.edu

**Talaat, Elsayed**  
JHU/APL  
11100 Johns Hopkins Road  
Laurel, MD 20723  
Ph: (240) 228-3971  
elsayed.talaat@jhuapl.edu

**Taylor, Brandon**  
Massachusetts Institute of Technology  
20 Ames St.  
E15-346  
Cambridge, MA 02139  
Ph: (617) 253-1631  
bttaylor@mit.edu

**Thakker, Purvesh**  
Univ. of Illinois at Urbana-Champaign  
323 Coordinated Science Laboratory  
1308 W. Main St.  
Urbana, IL 61801  
Ph: (772) 321-1622  
pbt003@yahoo.com

**Thayer, Jeffrey**  
University of Colorado  
UCB 429  
Boulder, CO 80309-0429  
Ph: (303) 492-1764  
jeffrey.thayer@colorado.edu

**Thompson, Donald**  
Utah State University  
4405 Old Main Hill, SER 246  
Logan, UT 84322-4405  
Ph: (435) 797-2357  
thompson@cc.usu.edu

**Thurairajah, Brentha**  
University of Alaska, Fairbanks  
Geophysical Institute  
P.O. Box 757320  
Fairbanks, AK 99775  
Ph: (907) 474-7618  
ftbt@uaf.edu

**Tsuda, Takuo**  
Nagoya University  
Furo-cho, Chikusa-ku  
Nagoya, Aich 464-8601  
Japan  
Ph: (815) 278-9430  
ttsuda@stelab.nagoya-u.ac.jp

**Tsunoda, Roland**  
SRI International  
333 Ravenswood Ave.  
Menlo Park, CA 94025  
Ph: (650) 859-3124  
tsunoda@sri.com

**Twoork, Gregory**  
Clemson University  
4495 University Station  
Clemson, SC 29632  
Ph: (423) 335-1975  
gtwoork@clemson.edu

**Urbina, Julio**  
The Pennsylvania State University  
315 EE East  
University Park, PA 16802  
Ph: (814) 863-5326  
urbina@psu.edu

**Valentic, Todd**  
SRI International  
333 Ravenswood Ave  
Menlo Park, CA 94025  
Ph: (650) 859-4642  
todd.valentic@sri.com

**Valladares, Cesar**  
Boston College  
40 Commonwealth Ave  
Chestnut Hill, MA 02467  
Ph: (617) 552-8789  
valladar@bc.edu

**van Eyken, Tony**  
EISCAT Scientific Association  
PO Box 432  
Longyearbyen, N-9171  
Norway  
Ph: (469) 807-8703  
Tony.van.Eyken@eiscat.se

**Varney, Roger**  
Cornell University  
304 Rhodes Hall  
Ithaca, NY 14853  
Ph: (607) 255-8298  
rhv5@cornell.edu

**Vertatschitsch, Laura**  
University of Washington  
Paul Allen Center-- Room AE100R  
Campus Box 352500  
Seattle, WA 98195-2500  
Ph: (425) 221-0192  
vertatle@ee.washington.edu

**Waldrop, Lara**  
Univ. of Illinois at Urbana-Champaign  
1308 West Main Street  
306 CSL  
Urbana, IL 61801  
Ph: (217) 244-5129  
lwaldrop@uiuc.edu

**Walterscheid, Richard**  
The Aerospace Corporation  
PO Box 92957  
Mail Stop M2-260  
Los Angeles, CA 90009  
Ph: (310) 336-7352  
Richard.Walterscheid@aero.org

**Wang, Ling**  
NorthWest Research Associates Inc.,  
3380 Mitchell Lane  
Boulder, CO 80301  
Ph: (303) 415-9701  
lwang@cora.nwra.com

**Wang, Wenbin**  
HAO/NCAR  
P. O. Box 3000  
Boulder, CO 80307  
Ph: (303) 497-2177  
wbwang@ucar.edu

**Watchorn, Steve**  
Scientific Solutions, Inc.  
55 Middlesex St.  
Unit 210  
North Chelmsford, MA 01863  
Ph: (978) 251-4554  
steve@sci-sol.com

**Watts, Christopher**  
University of New Mexico  
MSC01 1100  
1 UNM  
Albuquerque, NM 87131  
Ph: (505) 277-0141  
cwatts@ece.unm.edu

**Wiig, Johannes**  
CU Boulder  
216 UCB  
Boulder, CO 80309  
Ph: (303) 735-0940  
jwiig@naic.edu

**Williams, Bifford**  
NWRA/CoRA  
3380 Mitchell Lane  
Boulder, CO 80301  
Ph: (303) 415-9701  
biff@cora.nwra.com

**Wiren, Ashley**  
University of Colorado, Boulder  
429 UCB  
Boulder, CO 80309  
Ph: (303) 492-2767  
ashley.wiren@colorado.edu

**Wolfe, Elizabeth**  
US Air Force  
250 S. Peterson Blvd  
Suite 116  
Peterson AFB, CO 80914  
Ph: (719) 556-3729  
elizabeth.wolfe@peterson.af.mil

**Wu, Qian**  
 NCAR  
 P.O.Box 3000  
 Boulder, CO 80307-3000  
 Ph: (303) 497-2176  
 qwu@ucar.edu

**Yamashita, Chihoko**  
 University of Colorado  
 429 UCB  
 Boulder, CO 80309  
 Ph: (303) 735-1575  
 Chihoko.Yamashita@colorado.edu

**Yang, Tae-yong**  
 Chungnam National Univ.  
 #513 Space Science Lab. Basic  
 Daejeon, Chu 305-764  
 South Korea  
 Ph: (042) 821-7492  
 yty16@naver.com

**Yizengaw, Endawoke**  
 UCLA  
 P.O. Box 951567  
 3845 Slichter Hall  
 Los Angeles, CA 90095  
 Ph: (310) 206-4380  
 ekassie@igpp.ucla.edu

**Yokoyama, Tatsuhiko**  
 Cornell University  
 2122 Snee Hall  
 Ithaca, NY 14853  
 Ph: (607) 254-5350  
 ty78@cornell.edu

**Yu, Yonghui**  
 Embry-Riddle Aeronautical University  
 600 S. Clyde Morris Blvd.  
 Daytona Beach, FL 32114  
 Ph: (386) 226-6168  
 Yonghui.Yu@erau.edu

**Yuan, Tao**  
 Colorado State University  
 200 West Lake Street  
 Fort Collins, CO 80523-1875  
 Ph: (970) 491-5646  
 titus@lamar.colostate.edu

**Yue, Jia**  
 Colorado State University  
 200 West Lake Street  
 Fort Collins, CO 80523  
 Ph: (970) 491-5880  
 jyue@lamar.colostate.edu

**Zabotin, Nick**  
 University of Colorado  
 209 UCB  
 Boulder, CO 80309  
 Ph: (303) 449-1228  
 nikolay.zabotin@gmail.com

**Zanetti, Lawrence**  
 Johns Hopkins Applied Physics Lab  
 11100 Johns Hopkins Road  
 Laurel, MD 20723  
 Ph: (443) 778-6897  
 lawrence.zanetti@jhuapl.edu

**Zeng, Zhen**  
 High Altitude Observatory, NCAR  
 P.O.Box 3000  
 Boulder, CO 80301  
 Ph: (303) 497-2613  
 zzeng@ucar.edu

**Zettergren, Matthew**  
 Boston University  
 8 St. Mary St.  
 Boston, MA 02215  
 Ph: (617) 353-7843  
 mattz@bu.edu

**Zhang, Shunrong**  
 MIT Haystack Observatory  
 Off Route 40  
 Westford, MA 01886  
 Ph: (178) 198-1572  
 shunrong@haystack.mit.edu

**Zou, Shasha**  
 University of California, Los Angeles  
 405 Hilgard Ave.  
 Los Angeles, CA 90095  
 Ph: (310) 794-9273  
 sha@atmos.ucla.edu