

Dear colleagues,

We are approaching you on behalf of the IHY, ICESTAR and IPY ("Heliosphere impact on geospace") programmes, which all hope to catalyze efficient networking among their sub-projects. You have submitted either a proposal for an IHY CIP, an expression of interest to IPY or belong to the ICESTAR community which has encouraged us to suggest your collaboration as outlined below. Unfortunately, the above listed programmes cannot provide any direct funding for your research or measurement activities, but they can support your funding applications e.g. with official letters of endorsement.

Below, we give a tentative title for a research topic which according to your proposals seems to describe your common interest. After that we list the names of the researchers who have submitted proposals relating to this topic (i.e. recipients of this mail), their proposal identifications and descriptions (if available on the web), and their anticipated role in the suggested collaboration. You may receive several letters of this type, as your measurement and/or research activities could be valuable for several research topics. We have tried to determine the topics so that we get a reasonable number of contact interfaces. Also other CIP co-ordinators may contact you later when networking activities across the different IHY disciplines will start in earnest (for a list of the disciplines, see <http://ihy2007.org.uk/DisciplineCoordinators.shtml>).

We encourage you to study the list below and especially the proposal texts to find the opportunities for useful collaboration. The proposals often describe their goals at a quite general level, so for more accurate information feel free to communicate directly with the lead contacts of the different projects. If it appears that you can join your efforts together in a fruitful way to address your scientific goals, then we have succeeded in our networking effort.

Many of your projects plan to use some of the international measurement facilities (or their databases) which are available only upon special request. Examples of such facilities are space-borne and ground-based solar telescopes and incoherent scatter radar systems. There may also be a need to run some instruments in special modes to support your work. If you have not agreed already with the instrument PIs about this kind of arrangement we can help you also in this respect. Just tell us your detailed plans for the campaigns (time and duration, measurement needs, etc.). We are also ready to provide you with some support tools for conversations and information exchange (e.g. e-mail lists and wiki sites). Reciprocally it would be nice to get a notice of your collaboration for our records and an acknowledgement of the IHY, ICESTAR and IPY (Heliosphere impact on geospace) programmes in your papers.

With kind regards,

Kirsti Kauristie ([kirsti.kauristie@fmi.fi](mailto:kirsti.kauristie@fmi.fi)) and Ian McCrea ([I.McCrea@rl.ac.uk](mailto:I.McCrea@rl.ac.uk))  
IHY CIP coordinators, Ionized Atmospheres

Richard Stamper ([R.Stamper@rl.ac.uk](mailto:R.Stamper@rl.ac.uk))  
IHY Campaign Coordination Co-Chair

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Your project title "Radio wave propagation in the ionosphere - observations and models"

Tim Fuller-Rowell([tim.fuller-rowell@noaa.gov](mailto:tim.fuller-rowell@noaa.gov)),  
IHY-CIP#2: Realtime Global Ionosphere  
(<http://www.ukssdc.ac.uk/cgi-bin/ihy/cip-filter.pl#2>)  
role: GPS receivers in IHY/UNBSS programme

C. Valladares ([valladar@bc.edu](mailto:valladar@bc.edu))  
IPY-EoI#72:COMAP  
(<http://www.ipy.org/development/eoi/details.php?id=72>)  
role: GPS receivers in Greenland and Svalbard and Antarctic conjugate regions

E. Pryse ([sep@aber.ac.uk](mailto:sep@aber.ac.uk))  
IPY-EoI#547:IITC  
(<http://www.ipy.org/development/eoi/details.php?id=547>)  
IHY-CIP#41:IITC  
(<http://www.ukssdc.ac.uk/cgi-bin/ihy/cip-filter.pl#41>)  
role: Radio Tomographic imaging of the ionosphere with the NIMS/Tsykada radio receivers

L. Alfonsi and Pierre Cilliers ([lucilla.alfonsi@ingv.it](mailto:lucilla.alfonsi@ingv.it), [pjcilliers@hmo.ac.za](mailto:pjcilliers@hmo.ac.za))  
IPY-EoI#551:UAMPY  
(<http://www.ipy.org/development/eoi/details.php?id=551>)  
IHY-CIP#8:Mid- and high latitude Ionospheric-Magnetospheric Observations  
(<http://www.ukssdc.ac.uk/cgi-bin/ihy/cip-filter.pl#8>)  
role: GPS receivers (also for scintillation) in Italy, Canada and Antarctica

E. Correia ([ecorreia@craam.mackenzie.br](mailto:ecorreia@craam.mackenzie.br), [ecorreia@usp.br](mailto:ecorreia@usp.br))  
IPY-EoI#603:SWIMPA  
(<http://www.ipy.org/development/eoi/details.php?id=603>)  
IHY-CIP#18:Spatial and temporal TEC characterization of the ionosphere in the South Atlantic  
Magnetic Anomaly  
<http://www.ukssdc.ac.uk/cgi-bin/ihy/cip-filter.pl#18>  
role: GPS-receivers in Antarctic Brazilian territory, South-Atlantic Anomaly

Z.A.A. Rashid ([zaar@vlsi.eng.ukm.my](mailto:zaar@vlsi.eng.ukm.my))  
IPY-EoI#894:Geospace characterization  
(<http://www.ipy.org/development/eoi/details.php?id=894>)  
role:Antarctic and Arctic GPS-receivers

G.A. Zherebtsov ([uzel@iszf.irk.ru](mailto:uzel@iszf.irk.ru), [dir@idg.chph.ras.ru](mailto:dir@idg.chph.ras.ru))  
IPY-EoI#947:Polar Ionosphere  
(<http://www.ipy.org/development/eoi/details.php?id=947>)  
IPY-EoI#1078:Ionospher disturbances  
(<http://www.ipy.org/development/eoi/details.php?id=1078>)  
role: modelling, observations in the Russian sector

M. Freeman ([mpf@bas.ac.uk](mailto:mpf@bas.ac.uk))  
IPY-EoI#250:SuperDARN  
(<http://www.ipy.org/development/eoi/details.php?id=250>)

role:the SuperDARN contact

I. Mann ([imann@space.ualberta.ca](mailto:imann@space.ualberta.ca))

IHY-CIP#4:Global plasmaspheric dynamics

<http://www.ukssdc.ac.uk/cgi-bin/ihy/cip-filter.pl#4>

role: The contact towards the magnetometer community

A. P. van Eyken ([tony.van.eyken@eiscat.se](mailto:tony.van.eyken@eiscat.se))

IPY-EoI#159:ISPAM

(<http://www.ipy.org/development/eoi/details.php?id=159>)

IHY-CIP#25:ISPAM

(<http://www.ukssdc.ac.uk/cgi-bin/ihy/cip-filter.pl#25>)

role:Director of the EISCAT network of incoherent scatter of radars, contact point Ian McCrea

([IMcCrea@rl.ac.uk](mailto:IMcCrea@rl.ac.uk))

K. Sato ([kaoru@nipr.ac.jp](mailto:kaoru@nipr.ac.jp))

IPY-EoI#355:PANSY

(<http://www.ipy.org/development/eoi/details.php?id=355>)

role:Contact point to the future Antarctic MST/IS radar

G. De Franceschi ([defranceschi@ingv.it](mailto:defranceschi@ingv.it))

IHY-CIP#49:COST296/IHY

[http://ionos.ingv.it/IHY/ihy\\_index.html](http://ionos.ingv.it/IHY/ihy_index.html)

role: COST296 initiatives for IHY