

# Magnetometer Arrays of the Future: iMAGs



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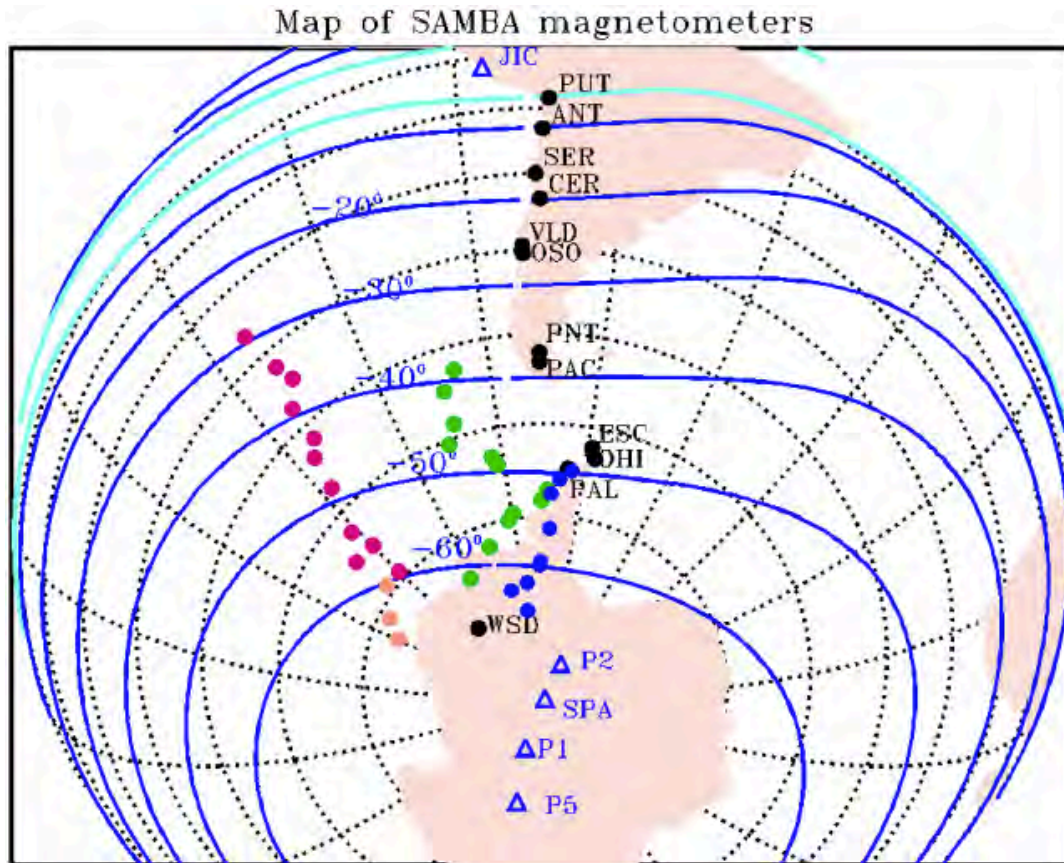
# Ultimate Goal is a Global Network of Magnetometer Stations for MI Coupling Studies

- Initial Goal is to combine and extend existing stations
- SuperMag and ULTIMA bring together existing stations and help existing arrays collaborate

# Inner-Magnetospheric Array for Geospace Science (iMags)

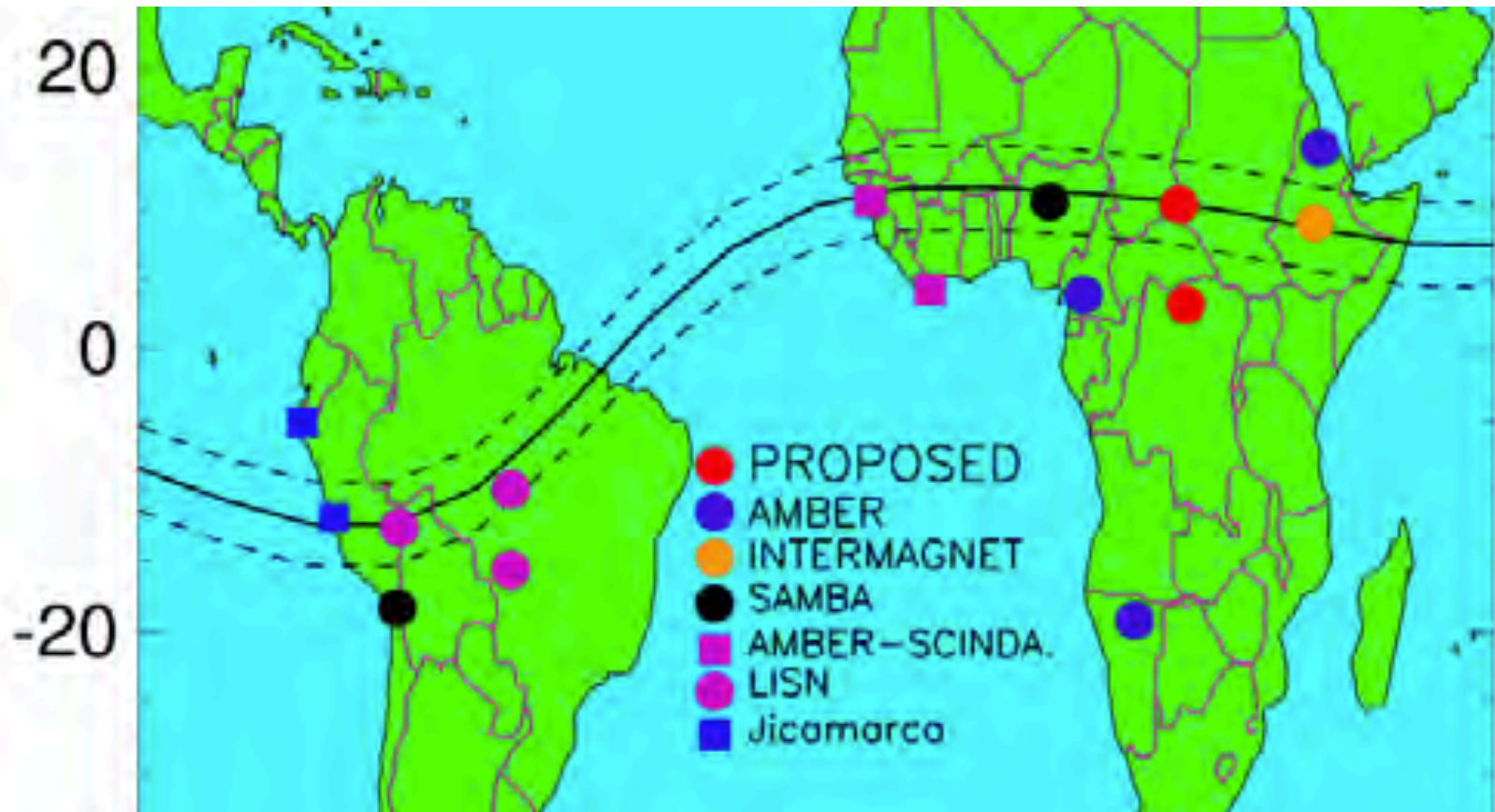
- UM/BC/UCLA/BAS/SAMBA/AMBER/  
MEASURE/McMac/MACCS/Chileans/  
Canadians +
- Goals are to combine and expand  
existing longitudinal arrays in the  
American Sector and African Sector

# Existing and Proposed Stations in American Sector





# Existing and Proposed Stations at Equator



# Road to DASI: Developing the capability to deploy magnetometers and GPS receivers anywhere in the world

- Low power, self-contained systems
- Expanded scientific partnerships with international collaborators (INACH, BAS, Canadians, Europeans, Africans, Asians)

# Current Status is unknown: Multiple Fronts for developing the project in steps

- American Support for Science is unknown at best, shrinking at worst
- Requires collaboration to begin large projects in steps
- One of the goals of this workshop is to enable science with existing data

