

**Report on**  
**Radar Networks for Atmospheric Studies Workshop**

*Taller de Trabajo sobre Red de radares para estudios atmosféricos*

A mini workshop on Radar Networks for Atmospheric studies was held on April 10, 2006 at the Instituto Geofísico del Perú (IGP) headquarters in Lima Perú. This workshop was in a way an extension of the International Network of Tropical Atmospheric Radars (INTAR) an initiative of our colleagues in India. There more than 45 participants, including 7 lecturers. Except for Dr. Jürgen Röttger from Germany, all the other lecturers and participants were from Peru working on different research institutions including among others: Peruvian Aviation corporation (CORPAC), Universidad de San Marco, Universidad de Piura, Universidad Agraria La Molina, Dirección de Hidrografía y Navegación, etc.

Dr. Röttger presented a talk on global radar history and development and introduced the concept of INTAR in a second talk. The titles, abstracts, copies of the presentations as well as list of participants can be found at <http://jro.igp.gob.pe/subwebs/tallerradares/> . Although the main interest of the meeting were on radars, including meteorological radars, some of the talks cover interesting applications where wind profiles from radars can be useful. For example, Elizabeth Silvestre showed the details and importance of assimilating data on numerical weather prediction models. In particular, she stressed the importance of wind profiles in regional models running on tropical latitudes.

Besides discussing the different aspects of radars and numerical models, one of the main accomplishments (by product) of the meeting was to get together Peruvian investigators with common interests and problems. Many potential areas of collaboration were identified during the presentations and questions periods. For example, there is an interest of colleagues at Universidad Agraria La Molina to correlate the radar winds reported by Luis Flores in northern Peru with special meteorological events that apparently are highly correlated with the winds.

As part of his closing remarks, Dr. Ronald Woodman, Executive President of IGP encourage the participants to continue with this type of meetings and to work together on common problems.

Finally, we would like to thank the collaboration and support of Jimmy Lau and Gloria Chia who took care of the logistical issues and Dr. Yamina Silva for helping to put together the scientific program. The meeting was supported by the Instituto Geofísico del Peru.

Jorge Chau, Pablo Lagos and Jürgen Röttger

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