

## **A New SERENDIP-Type Spectrometer for the Southern Hemisphere**

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With the sponsorship of The Planetary Society a new 256 million channel analyzer will be built in October 2007, using the SERENDIP type configuration to be installed at the Instituto Argentino de Radioastronomía, near Buenos Aires, Argentina. This new spectrum analyzer will replace the META II system that was in operation, performing SETI research in the Southern Hemisphere since October 1990. With the spectrometer we will be able to perform, both full-sky and targeted searches in declinations between -10 and -90 degrees, using a 30 meters equatorial mounted antenna. Here we present a technical description of the configuration of the device and a brief description of the near future SETI observational strategies.