

**SIL PRESENTATIONS
YEARS 2000 – 2004**

YEAR 00-01

Manian, Vidya, **“Comparison of feature selection algorithms for texture “ image classification”**, Proceedings of SPIE Intl. Conf. on AeroSense 2001, Orlando, FL, April 2001.

Manian, Vidya, **“Performance of clustering algorithms for image classification”**, IEEE Intl. Conf. IGARSS 2001, July 2001.

Gilbes, F. and R.A. Armstrong, **“Satellite Remote Sensing of the Eastern Caribbean Sea”**, Oceans from Space, October 2000, Venice, Italy.

Gilbes, F. and R.A. Armstrong, **“Inherent Water Optical Properties at the Caribbean Time Series Station”**, Oceans Optics XV, October 2000, Monaco, France.

Armstrong, R.A., F. Gilbes, R. Guerrero, and C. Lasta **“Validation of SeaWiFS Chlorophyll Algorithm for the Rio de la Plata Estuary”**, Oceans from Space, October 2000, Venice, Italy

Armstrong, R.A., J.M. López, and F. Gilbes, **“Apparent Water Optical Properties at the Caribbean Time Series Station”**, Ocean Optics XV, October 2000, Monaco, France.

YEAR 01-02

Iván Vélez, **“GeoTIFF for storing Satellite Image with georeferencing information”**, Puerto Rico Space Grant Consortium Meeting, Hyatt Cerromar, November 14-17, 2001.

María Rodríguez, **“Satellite Data Acquisition and Research in the Space Information Laboratory”**, Puerto Rico Space Grant Consortium Meeting, Hyatt Cerromar, November 14-17, 2001.

Adenawar Rodríguez, **“Processes automation of a satellite ground station”**, Puerto Rico Space Grant Consortium Meeting, Hyatt Cerromar, November 14-17, 2001.

Iván Vélez, **“Design and implementation of a database architecture for Space Information Laboratory image retrieval and mining using the WWW”**, 22nd Junior Technical Meeting - University Puerto Rico at Arecibo, March 16, 2002.

Adenawar Rodríguez, **“Waste Water ocean outfall detection in Puerto Rico using remote sensing images”**, 22nd Junior Technical Meeting, University of Puerto Rico at Arecibo, March 16, 2002.

YEAR 02-03

- Gilbes, F., Armstrong, R., Miller, R.L., Del Castillo, C.E., Rosado, M., and Ramirez, N., **“Bio-Optical Evidence of Land-Sea Interactions in the Western Coast of Puerto Rico”**. *Ocean Optics XVI Meeting*, Santa Fe, Nuevo Mexico, 2002.
- Lee-Borges, J., Gilbes, F., and Armstrong, R., **“SeaWiFS Validation at the Caribbean Time Series Station”**. *Ocean Optics XVI Meeting*, Santa Fe, Nuevo Mexico, 2002.
- Rosado, M., Gilbes, F., Armstrong, R. and Lee-Borges, J., **“Validation of Bio-Optical Algorithms in the Western Coast of Puerto Rico”**. *Ocean Optics XVI Meeting*, Santa Fe, Nuevo Mexico, 2002.
- Schellekens, J.H., Gilbes, F., Rivera-Rivera, G.D. and Ysa, Y., **“Remote sensing of mineral deposits in tropical terranes. Porphyry copper deposits in west-central Puerto Rico”**, *16th Caribbean Geological Conference*, Barbados, 2002.
- Gilbes, F., **“Percepción Remota: Una Forma Diferente de Observar Nuestro Planeta”**, *BIOS '02, La biología revolucionando el nuevo siglo*. UPRM-Departamento de Biología. 1-mayo-02, 2002.
- Gilbes, F., **“Remote Sensing at the University of Puerto Rico”**, Instituto Nacional de Pesquisas Espaciales, San Jose dos Campos, Sao Paulo, Brazil, March 2003.
- Gilbes, F., **“Bio-Optical Oceanography and Satellite Remote Sensing”**, Facultad de Ciencias de la Universidad de la República, Universidad de la República, Uruguay, December 2002.
- Enna S. Coronado and Manuel Rodriguez-Martinez, **“SRE: Search and Retrieval Engine of TerraScope Earth Science Information System”**, *Proc. of 2003 IASTED Computer Science and Technology Conference*, Cancun, Mexico, May 2003.
- Alcides Alvear and Manuel Rodriguez-Martinez, **“Database Middleware Systems for Supporting Remote Sensing Analysis over Distributed Sources”**, *Proc. of 2003 IASTED Computer Science and Technology Conference*, Cancun, Mexico, May 2003.
- Manuel Rodriguez-Martinez, **“GaiaNET: A Peer-to-Peer Web Service Composition System for Supporting Wide-Area Scientific Database Applications”**, *UPRM CISE Seminar Series*, University of Puerto Rico, Mayaguez, Spring 2003.

Manuel Rodriguez-Martinez and Bienvenido Velez-Rivera, **“TerraScope: A Distributed Satellite Image Repository Integrating Heterogeneous Data Centers”**, *TCESS Review Day*, Rincon Beach Hotel, Rincon, Puerto Rico Spring 2003.

Enna S. Coronado and Manuel Rodriguez-Martinez, **“SRE: Search and Retrieval Engine of TerraScope Earth Science Information System”**, *SIGMA*.

Alcides Alvear and Manuel Rodriguez-Martinez, **“Database Middleware Systems for Supporting Remote Sensing Analysis over Distributed Sources”**, *Puerto Rico Junior Technical Meeting*, University of Puerto Rico, Rio Piedras, Spring 2003.

Alcides Alvear and Manuel Rodriguez-Martinez, **“Database Middleware Systems for Supporting Remote Sensing Analysis over Distributed Sources”**, *CenSSIS Review Day*, Fall 2002, Boston, Massachusetts.

YEAR 03-04

Velez, Iván P., **“Web-Based Catalog Browse System for the Space Information Laboratory”**, October 2003, *XIV Undergraduate Research Symposium*, Metropolitan University, San Juan, PR.

Mitjans, Milton, **“Satellite Antenna Controller Design and Implementation Using LabView”**, October 2003, *XIV Undergraduate Research Symposium*, Metropolitan University, San Juan, PR.

Hudo, Rafael, **“Portable FPGA Based HRPT Data Decoder”**, October 2003, *XIV Undergraduate Research Symposium*, Metropolitan University, San Juan, PR.

Torres, Alexis, **“Using Heat to Track Urban”**, October 2003, *XIV Undergraduate Research Symposium*, Metropolitan University, San Juan, PR.

Torres, Alexis, **“Computer Simulation of Satellite Data”**, March 2004, *24th Puerto Rico Interdisciplinary Technical Meeting & 39th ACS Junior*, Humacao, PR.