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NEWS RELEASE

For Immediate Release

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SPIE Awards \$2500 Scholarship to JORGE HERRERA

Bellingham, WA—April 9, 2008—SPIE has awarded a \$2500 scholarship to Jorge Alexis Herrera Ramirez-Physics School

Brief Information of educational program and research

- Ph. D. Optical Engineering candidate. Universidad Politécnica de Cataluña.
- MSc. Physics degree from Universidad Nacional de Colombia-Medellín. Thesis title: "Transmission Digital holographic microscope: characteristics and application to translucent objects".
- Physics engineer degree from Universidad Nacional de Colombia-Medellín. Thesis title: "Noise treatment in digital holography".

Through my studies in Physics Engineering and my M.Sc.-Physics studies, I have learned optics at different levels and I have been involved in different research projects as a member of the optics research group in the Universidad Nacional de Colombia Sede Medellin. These projects were related with topics like Interferometry, Phase Unwrapping, Digital Speckle Pattern Interferometry, spatial coherence, laser beam characterization, Moirè and fringes projection topography, Digital Holography and Digital Holographic Microscopy.

SPIE is the world's largest international not-for-profit society in the fields of optics, photonics, and imaging with 17,000 individual members including 3,800 students. To date, SPIE has distributed over \$3 million U.S. dollars in scholarships and grants to those working and learning in 84 countries. SPIE strongly believes in the opportunities and personal enrichment that education provides and in the need for increased scientific and technical literacy. The Society is committed to the upcoming generations of scientists and engineers who will develop the potential of optics and photonics.

For more information on SPIE's scholarship program, visit spie.org/scholarships.

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