



Institute for Transportation Research and Education
North Carolina State University

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FOR IMMEDIATE RELEASE

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PTV America certifies ITRE researcher to teach VISSIM software

Dr. Bastian Schroeder to train transportation professionals in cutting-edge computer model
that simulates traffic for analysis and planning purposes

RALEIGH, N.C.—Transportation software leader PTV America (www.ptvamerica.com) has certified Institute for Transportation Research and Education's (ITRE) Bastian J. Schroeder, Ph.D., as its first non-company-based instructor in the nation for its VISSIM software program. Dr. Schroeder completed his instructor training in May and has scheduled his first software classes for September 2009.

A German acronym for *Traffic in Towns: SIMulation*, VISSIM is a microscopic traffic simulation model that allows transportation analysts to evaluate a wide range of traffic conditions, including traffic signal systems, modern roundabouts, freeway operations, and even interaction between vehicles and pedestrians. The internationally-applied VISSIM model was recently used to evaluate Raleigh's latest roundabout project on Hillsborough Street adjacent to the NC State University campus prior to construction. See animation: http://www.itre.ncsu.edu/ITREmain/news/Hills_phase2_Multilane_a.wmv

This unique partnership between ITRE and PTV will expand the availability of VISSIM training on the East Coast. "We are very excited about the collaboration with ITRE," says Tacoma, Washington-based Ed Hayes, PTV principal and software training coordinator for North America. "Dr. Schroeder's real-world experience with the software will make all the difference in a classroom. He will provide excellent training."

Dr. Schroeder is a research associate for ITRE's Highway Systems Group. He earned his Ph.D. and master's degree in Civil Engineering from NC State University. In addition to instructing classes at ITRE, he has taught transportation engineering at the University. Dr. Schroeder primarily works on federal research projects in traffic operations, many of which involve the use of simulation programs for analysis of freeway facilities and arterial street traffic patterns.

VISSIM joins a host of other ITRE classes that range from work zone safety to principles of traffic signal timing to refresher courses for Professional Engineers. "We are excited to add VISSIM training to our menu of educational opportunities," says ITRE director Nagui M. Roupail, Ph.D. "ITRE is striving to become an international center of excellence for traffic simulation analysis and the partnership with PTV America is an important step in that direction."

ITRE will begin offering VISSIM introductory classes September 14-15, 2009, and registration is now open. Complete details are on the ITRE Website: <http://www.itre.ncsu.edu/HWY/education/vissimintroform.html>.

The Institute for Transportation Research and Education, administered by North Carolina State University, is a non-profit organization that conducts research and provides education and technical assistance for a wide variety of surface and air transportation issues with the goals of solving problems and creating new products, better services, and smarter workers. ITRE is located on NCSU's Centennial Campus. For more information about ITRE and its related programs, visit www.itre.ncsu.edu.

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