



Structural Engineering Seminar

Post-Strengthening of Masonry Structures with Fiber Reinforced Polymers



**Werner Seim, Professor
University of Kassel, Germany**

Fiber reinforced polymers can be used effectively for post-strengthening of masonry structures. In this context it is reasonable to manufacture the FRP material by wet-layup directly on the surface of the masonry structure. Possible applications of the method are the confinement of columns as well as post-strengthening of in-plane and out-of-plane loaded structures. The main results of experimental research carried out at the University of Kassel during the last years will be presented.

Dr. Werner Seim teaches building rehabilitation and timber engineering at the University of Kassel, Germany since 1999. He got his Diploma from the University of Stuttgart in 1989 and finished his PhD at the University of Karlsruhe in 1994. He worked several years as a structural engineer and is still well related to practical aspects of timber engineering as well as assessment and rehabilitation of masonry and concrete structures. His research focuses on assessment and post-strengthening of structures and on hybrid structures with adhesive bonded connections.

DATE: Friday, September 4, 2009

TIME: 2:00 PM

LOCATION: 140 Ketter Hall, University at Buffalo

WEBCAST URL: <http://civil.eng.buffalo.edu/webcast/>