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Dr. Lin is currently Associate Professor in Mechanical Engineering at the University of Alabama in Huntsville (UAH). He received his M.S. in Engineering Mechanics in 1987 and Ph.D. in Mechanical Engineering in 1993 both from Virginia Tech. He then served as Assistant Professor in Engineering at Clark Atlanta University and joined UAH in 2000. His research interests include development of smart actuator and sensor, structural integrity monitoring of composite material systems and large engineering structures, and theoretical and finite element modeling of hygrothermomechanical response of composite materials.

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RELEVANT PUBLICATIONS:

1. Khoshbakht, M. and Lin, M. W. "A Finite Element Model for Hygro-Thermo-Mechanical Analysis of Masonry Walls with FRP Reinforcement," Finite Elements in Analysis and Design, Vol. 46, pp. 783-791, 2010.
2. Lin, M. W. and Thaduri, J., "Structural Deflection Monitoring Using an Embedded ETDR Distributed Strain Sensor," *Journal of Intelligent Material Systems and Structures,* Vol. 17, No. 5, pp. 423-430, 2006.
3. Khoshbakht, M. and Lin, M. W., "Development of an Electrical Time Domain Reflectometry (ETDR) Distributed Moisture Measurement Technique for Porous Media," *Measurement Science and Technology,* Vol. 17, p.p. 2989-2996, 2006.
4. Lin, M. W. and Thaduri, J., "Structural Damage Detection Using an Embedded ETDR Distributed Strain Sensor," *Subsurface Sensing Technologies and Applications,* Vol. 6, No. 4, pp. 315-336, 2005.
5. Lin, M. W., Thaduri, J., and Abatan, A. O., "A Coaxial Electrical Time Domain Reflectometry (ETDR) Distributed Strain Sensor with Improved Sensitivity," *Measurement Science and Technology,* Vol. 16, pp. 1495-1505, 2005.
6. Khoshbakht, M., Lin, M. W., and Feickert, C. A., "A Finite Element Model for Hygrothermal Analysis of Masonry Walls with FRP Reinforcement," Finite Elements in Analysis and Design, Vol. 45, p.p. 511-518, 2009.
7. Lin, M. W., Berman, J., Khoshbakht, M., Feickert, C. A., and Abatan, A. O., "Modeling of Moisture Migration in an FRP Reinforced Masonry Structure," *Building and Environment,* Vol. 41, pp. 646-656, 2006.
8. Khoshbakht, M., Lin, M. W., and Berman, J. B., "Analysis of Moisture Induced Stresses in an FRP Composites Reinforced Masonry Structure," *Finite Elements in Analysis and Design,* Vol. 42, pp. 414-429, 2006.
9. Lin, M. W., Abatan, A. O., and Rogers, C. A., "Application of Commercial Finite Element Codes for the Analysis of Induced Strain Actuated Structures," *Journal of Intelligent Material Systems and Structures*, Vol. 5, No. 6, pp. 869-875, 1994.