

**Name:** Thomas Spiegelhalter, Professor

**Educational Credentials:**

- Master of the Arts, (Meisterschueler), University of the Arts, Berlin, Germany, Design and Architecture, November 1989
- Bachelor of the Arts in Design (Diplom-Designer, 8 semester degree), University of the Arts, Berlin, Germany, Design and Architecture, July 1988
- Bachelor of Science in Architecture (Diplom-Ingenieur, 8 semester degree), University of Applied Sciences, Bremen, Germany, Architecture and Engineering, May 1988

**Teaching Experience:**

- Florida International University, Miami, Professor, August 2009- to present
- University of Southern California, L.A., Assistant Professor, 2003 – 2009
- Carnegie Mellon University, Pittsburgh, Visiting Professor, 2000 –2002
- University of Hannover, Germany, Tenured University C3-Professor Position, Minister of the State Low-Saxony, Science and Culture, Germany, 2000
- University of Houston G. Hines College of Architecture, DAAD Visiting Professor, 1999
- University of Applied Science Leipzig (HTWK Hochschule fuer Tech-nik, Wirtschaft and Kultur), Germany, Tenured Full-time C3-Professor, Minister of the State Saxony, Ministry of Science and Culture, Germany, 1993
- University of Kaiserlautern, Germany, Assistant Professor, 1990 –1991
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**Professional Experience:**

- Studio Thomas Spiegelhalter, Freiburg/Germany, E.U. - LA/USA, sign, Berlin, Germany, Founder, Principal, Executive Architect, Engineer, and Industrial Designer: *Registered Architect in the European Union (AL No. 37201)*, 1989-present
- France, Switzerland, and Southwest Germany, Stipendiary(Awardee) with primary responsibilities in historic preservation and renovation projects of historical objects: PRO VENETIA VIVA, European Stipend, objects: PRO VENETIA VIVA, European Stipend, 1978-1980

**Licenses/Registration:**

Architect, Germany

**Selected Publications and Recent Research:**

- Co-PI, Research Grant, 2013-2016: Energy and Climate Partnership of The Americas (ECPA) - Grant Assistance (CFDA), Number: 19.750, Department of State Bureau of Western Hemisphere Affairs. Energy Efficiency Competition. PI: Camilo Rosales, Grant Budget: \$799,099.00.
- Research Grant, 2013-2018: "RCN-SEES: Predictive Modeling Network for Sustain-able Human-Building Ecosystems (SHBE)." National Science Foundation (NSF) - PI: Yong X. Tao, University of North Texas, Co-PI's: Yimin Zhu, Khee Poh Lam, David A. Cartes, William J. Tolone. Senior Personnel: Thomas Spiegelhalter, Mirsad Hadzika-dic, Richard Feiock, Rudi Thompson, Wei Yan, Carol Menassa, Derrick D'Souza. Budget period: 09/01/2013 – 08/31/2018. Grant Budget: \$652,846
- Book: Andia, Alfredo, Spiegelhalter, Thomas. Parametric Automation in Design and Construction. (ARTECH HOUSE Publisher, London, U.K, 2014)
- Book: Vassigh, Shahin, Ebru Özer and Thomas Spiegelhalter. *Best Practices in Sustainable Building Design + Interactive Learning Environment*. (Fort Lauderdale: J. Ross Publishers Inc. 2012)

**Professional Memberships:**

American Society of Heating, Refrigerating and AirConditioning Engineers (ASHRAE)  
DESERTEC Foundation, Solar Energy for Europe and Africa, Munich, Germany  
IBPSA - International Building Performance Simulation Association