



《第一期国际钢结构工程著名学者讲座》

First International Seminar of the Renowned Scholar of Steel Structures

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报告人简介

Ronald D. Ziemian 是美国宾夕法尼亚州路易斯堡的 Bucknell 大学土木与环境工程学院教授、副院长；他在康奈尔大学获得了 BSCE、MENG 和博士学位，并撰写了大量关于金属结构分析和设计的论文。Ziemian 教授是 *Matrix Structural Analysis* (Wiley, 2000) 一书的合著者，也是教育结构分析软件 MASTAN2 的开发人员和第六版 *the Guide to Stability Design Criteria for Metal Structures* (Wiley, 2010) 的编委；与此同时，Ziemian 教授是国际著名顶级 SCI 期刊 JCSR (Journal of Constructional Steel Research) 的联合主编和结构稳定研究委员会的前主席。除此之外，Ziemian 教授还是美国钢结构协会和铝协会的规范委员会成员，并且与 SJI 协会合作密切。他曾获美国土木工程师学会颁发的诺曼奖章(1994)和肖特里奇·哈德斯特奖(2013)，以及 AISC 特别成就奖(2006)。今年 4 月，Ziemian 教授将获得 AISC 的 TR Higgins 奖，该奖项是表彰他作为一名杰出的讲师和作者的，因为他的技术论文和学术论文被认为是对装配式结构钢工程文献作出了杰出贡献。他还是美国钢结构技术规范的主要编写与修订者之一，他同时也是 Bucknell 大学优秀教学奖(2000 年)的获得者，并被提名为 2010 年 Bucknell 大学的 Presidential 教授。

BIOGRAPHY

Ziemian is the Professor of Civil and Environmental Engineering & Associate Dean in the College of Engineering, Bucknell University, US. He received his BSCE, MENG, and PhD degrees from Cornell University, and has authored numerous papers and two books on topics related to the analysis and design of metal structures. Ziemian is a Co-Editor in Chief of Elsevier's Journal of Constructional Steel Research. Ziemian serves on the Specification Committees of both the American Institute of Steel Construction and the Aluminum Association and is active with the Steel Joist Institute. He has received the Norman Medal (1994) and the Shortridge Hardesty Award (2013) from the American Society of Civil Engineers, and the AISC Special Achievement Award (2006). In April, Ziemian will receive AISC's TR Higgins Award, which recognizes an outstanding lecturer and author whose technical paper or papers are considered an outstanding contribution to the engineering literature on fabricated structural steel. He is also the recipient of Bucknell University's Presidential Award for Teaching Excellence (2000), and was named the 2010 Bucknell University Presidential Professor.

讲座介绍

讲座分为两个部分，第一个部分是以美国的一座标志性大楼在投标建设中出现的为切入点，讲述在重大工程实践中，一个优秀的工程师应该如何去处理各种问题。第二个部分主要讲述报告者在具体工程中，所接触到的独特的建筑和结构体系，对其作一个整体概述与相关创新点的阐述，另外介绍相关主要参与人员及其思考解决问题的大致过程，应对学生在以后的工程设计与实践中应有所启发。最后本次研讨会回归具体工程实际问题，特别聚焦工程师们在工程实践中的如何持续培养职业素养。

INTRODUCTION

In the late 1970's, an iconic skyscraper was completed in the United States. Shortly thereafter, the building's chief structural engineer learned that a "routine" design change made during the bidding process had significantly compromised the safety of the constructed building. What followed is a story of remarkable engineering, and commendable, and to some degree, questionable ethics. In addition to telling this story, the presentation will include an overview of the unique architectural and structural system and the background and thought process of the key.

欢迎全校师生参加！ALL INTERESTED ARE WELCOME！