

Christopher H. Raebel, P.E., S.E., Ph.D.

Adjunct Professor at Milwaukee School of Engineering

Milwaukee, WI, US

Dr. Christopher Raebel focuses on robustness in structural systems with an emphasis on steel framed buildings.

Biography

Dr. Chris Raebel, P.E., S.E., is a seasoned expert in robustness in structural systems with an emphasis on structural steel framed buildings, structural steel connections, full-scale experimental testing and finite element analysis, and floor vibrations caused by occupant activities. He is chair of the Civil and Architectural Engineering and Construction Management Department at MSOE.

Areas of Expertise

Floor Vibrations Caused by Occupant Activities, Structural Steel Framed Buildings, Structural Systems, Finite Element Analysis, Experiment Testing

Affiliations

American Society of Civil Engineers (ASCE) : Member, Architectural Engineering Institute (AEI) : Member, American Society of Civil Engineers, Structural Engineering Institute (SEI) : Member, American Institute of Steel Construction (AISC) : Member

Event and Speaking Appearances

A Comparison Between Static and Quasi-Dynamic Loading on Flexible Shear Connections
2017 Architectural Engineering Institute Conference

A Statistical Evaluation of the Value of Pre-Engineering Curricula on First-Year Civil Engineering Student Performance
2017 Architectural Engineering Institute Conference

Experimental Evaluation of the Robustness of WT Connections Under Quasi-Dynamic Load
2016 Canadian Society of Civil Engineers Annual Conference

Experimental Evaluation of the Robustness of Single Plate Shear Connections Under Quasi-Dynamic Load
2016 Canadian Society of Civil Engineers Annual Conference

Evaluation of High School Pre-Engineering Curricula on Freshman Architectural Engineering Student Performance
2015 Architectural Engineering Institute Conference

Education, Licensure and Certification

Ph.D.

Civil Engineering Marquette University

M.S.

Architectural Engineering Penn State University

Licensed Structural Engineer

Illinois

Licensed Professional Engineer

Wisconsin, Florida, Massachusetts, Michigan, Minnesota, Pennsylvania, South Carolina

B.S.

Architectural Engineering MSOE

Accomplishments

Early Career Faculty Award

American Institute of Steel Construction, 2016

AEI Outstanding Administrative Service Award

American Society of Civil Engineers, 2016

ASCE Journal of Performance of Constructed Facilities Outstanding Reviewer

2015

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