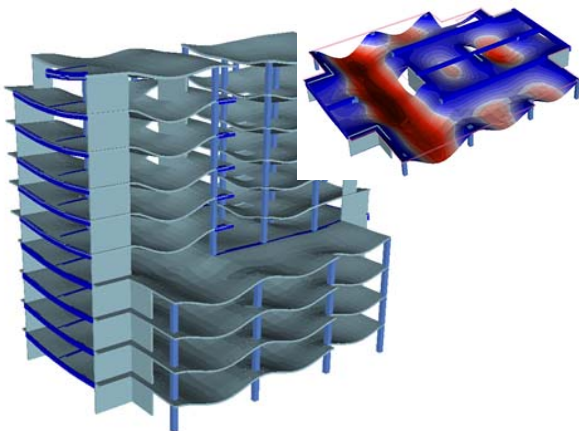


EFFICIENT DESIGN OF POST-TENSIONED BUILDINGS

*This workshop series is specifically tailored for those interested in hands-on, in-depth training of 3D-FEM concrete design software, modeling procedures and techniques for the design and analysis of post-tensioned buildings, including a detailed introduction to our latest 3D multistory analysis tools comprising **ADAPT-Builder**, **ADAPT-Edge** integrated with **ADAPT-Floor Pro** and **ADAPT-MAT**. Comprehensive workflows and interactive step-by-step training will be conducted for common structure types including parking garages with post-tensioned girders and one-way slabs, mat/raft soil-supported foundations, two-way elevated slabs and transfer/podium slabs.*

COURSE INSTRUCTOR

Mr. Spencer Lee PE, SE is the Vice President of Client Services at ADAPT. He leads the company's technical support, training and specialty engineering services teams. He has extensive concrete building design experience and is an expert in the use and efficient implementation of ADAPT's full suite of 2D and 3D software products. Mr. Lee compliments his deep technical understanding of ADAPT software with his broad practical design experience gained from supporting ADAPT's global client base.



Attendance is limited
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WORKSHOP FOR EFFICIENT DESIGN OF POST-TENSIONED BUILDINGS

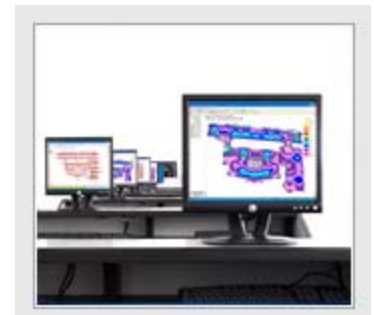
A Two-Day Software Training Course and Practical Design Workshop

Course Benefits include:

- Learning how to more efficiently model PT projects, extracting results and transfer design information
- Designing PT projects with more expertise and confidence
- Improving your ADAPT software skills by learning common, useful tools, and workflows
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- Salt Lake City, UT / August 15-16, 2013
- New York, NY / September 19-20, 2013
- Vancouver, BC / September 25-26, 2013
- Phoenix, AZ / October 17-18, 2013
- Dallas, TX / November 7-8, 2013

*This course carries
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WORKSHOP FOR EFFICIENT DESIGN OF POST-TENSIONED BUILDINGS

Day One: PT Girders with One-Way Conventional Slabs and Soil-supported Mat Foundation Design

- ° Introduction to software tools utilizing the Finite Element Method (FEM) and the Equivalent Frame Method (EFM)
- ° Introduction and description of a new multistory analysis tool for concrete structures, both conventionally reinforced and post-tensioned, ADAPT-Edge
- ° Defining work-flows from Revit and CAD files
- ° Revit model integration with ADAPT-Builder and model validation
- ° Pre-analysis generation of gravity and lateral loads, load patterns, elastic combination definition, long-term and cracked deflection combinations, stiffness and material assumptions
- ° Best practices for modeling of components, finite element meshing, tendon modeling/optimization and analysis options
- ° Modifications required for mat foundation design and load takedown
- ° Analysis of structure and generation of design criteria and creation of design strips and sections for beams/girders and one-way slabs
- ° Design strip execution and extraction of graphical and tabular results for compiled report compilation
- ° Export of reinforcement to Revit and CAD formats

Day Two: Two-Way Elevated Slabs and Two-Way Transfer Slabs

- ° Evaluation of work-flow for two-way slab systems in multistory structures or transfer/podium slabs
- ° Transformation of CAD files to structural components in ADAPT-Builder
- ° Development of a multistory model from singular models or multiple drawing files
- ° Detailed modeling, analysis and design instruction for two-way slab systems, similar to Day 1 content
- ° Evaluation of results and preparation of graphical reinforcement layout for export to CAD formats

Registration Form

Sign up for:	Early registration *	Late registration **
<input type="checkbox"/> August 15-16, 2013 Salt Lake City, UT	N/A	\$1100
<input type="checkbox"/> September 19-20, 2013 New York, NY	\$950	\$1100
<input type="checkbox"/> September 25-26, 2013 Vancouver, BC Canada	\$950	\$1100
<input type="checkbox"/> October 17-18, 2013 Phoenix, AZ	\$950	\$1100
<input type="checkbox"/> November 7-8, 2013 Dallas, TX	\$950	\$1100
<input type="checkbox"/> Multiple attendee discount— \$100 discount/additional person from same firm		(\$)
	Total:	_____

*Early registration - Registration form and payment submitted at least 1 month in advance of selected seminar.

**Late registration - Registration form and payment submitted within 1 month of selected seminar.

To register on-line, please click link under Registration:
<http://www.adaptsoft.com/building-dev.php#5>

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