



# Encyclopedia of Metal Plate Connected Wood Trusses

Thursday, June 22, 2023 @ 8:00 AM (E.S.T)  
(Part of the Seminars at the 2023 Convention)

2.0 HOURS SEMINAR  
TECHNICAL HOURS for ENGINEERS  
& GENERAL for SURVEYORS

- Thursday, June 22, 2023
- 8:00 AM (EST-FL)
- Virtual – CIAPR ZOOM PLATFORM
- In-person – The Florida Hotel

1500 Sad Lake Road  
Orlando, FL 32809

• PRICE:

**\$80 – CIAPR MEMBERS**

**\$100 – ALL OTHERS**

**STUDENTS – In-Person: \$20  
FREE VIA ZOOM**

**Conference Packages Available  
Lunch Provided for Multiple Seminars  
Attendees**

**REGISTRATION: Until 6/21/23 @ Noon**  
**[WWW.CIAPR.ORG](http://WWW.CIAPR.ORG) → SEMINARIOS**  
**<https://ciapr.org/account/#calendar/event/54212>**



CIAPR-Capítulo de Exterior  
con Sede en la Florida



CIAPR Exterior Chapter Florida  
PO Box 880221, Boca Raton, FL 33488  
[florida@ciapr.org](mailto:florida@ciapr.org)

[WWW.FLORIDA.CIAPR.ORG](http://WWW.FLORIDA.CIAPR.ORG)

Mr. William (Bill) Krick, P.E. (Florida)

**SEMINAR SCOPE:** Learning of basic technical information for the application, design, installation, loadings and codes related to metal connected wood trusses in residential and commercial buildings.

**SEMINAR TOPICS:** Benefits of wood trusses, How trusses work?, Design provisions Codes and Standards, Responsibilities, Truss installing and bracing, Placement plans, Roof and floor truss configurations, Loading: gravity, wind, snow, Design drawings, Types of trusses, Bearing and heel conditions, Repair considerations, and Truss end cosmetics,





# Repairs for Metal Plate Connected Wood Trusses Examples and Solutions

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TECHNICAL HOURS for ENGINEERS  
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Mr. William(Bill) Krick, P.E. (Florida)

**SEMINAR SCOPE:** Learning of basic technical information for the need and design of repairs, and devices used for repairs of metal plate connected wood trusses used in the roofing systems of residential and commercial buildings.

**SEMINAR TOPICS:** Accurate communication, Types of repairs, Types of fasteners, Need for repairs, What to look for when inspecting trusses, Repair types, Truss repair designs, What to look for on repaired trusses, Examples of trusses that should be replaced.



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# Insurance Basics 101 – Demystifying Your Insurance Program

**Thursday, June 22, 2023 @ 1:00 PM (E.S.T.)  
(Part of the Seminars at the 2023 Convention)**

## 1.0 HOURS SEMINAR

General Hours for Engineers and Surveyors

Thursday, June 22, 2023

In Person: The Florida Hotel

1500 Sand Lake Road

Orlando, FL 32809

## Virtual- CIAPR Zoom Platform

### Prices

\$35 - CIAPR Members

\$50 - All Others

Students: \$20 in-person

Free via Zoom

Registration: Until 6/21/23

[www.ciapr.org/seminarios](http://www.ciapr.org/seminarios)

## CONFERENCE PACKAGES AVAILABLE

<https://ciapr.org/account/#calendar/event/54212>

Lunch Provided for Multiple Seminars

### Attendees



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Exterior con Sede  
en la Florida

**Ms. Erin K. Kelley  
and Mr. Mark K.  
Jackson**

**Seminar Scope:** To promote engineering and surveying professionals awareness of the need of pertinent insurance to protect their business and personal practice and to understand how the pieces of the insurance puzzle fit together. During this course common claim scenarios will be used to illustrate how a well integrated insurance program works and to understand it.

**Seminar Topics:** Understanding the insurance puzzle, Common claim scenarios, How insurance program works, Understanding insurance.



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# What's In Your Contract? – Managing Risk Through Contract Language

**Thursday, June 22, 2023 @ 2:00 PM (E.S.T.)  
(Part of the Seminars at the 2023 Convention)**

**1.0 HOURS SEMINAR**

**Technical Hours for Engineers and General for Surveyors**

Thursday, June 22, 2023

**In Person:** The Florida Hotel

1500 Sand Lake Road

Orlando, FL 32809

**Virtual-** CIAPR Zoom Platform

Prices

\$35 - CIAPR Members

\$50 - All Others

Students: \$20 in-person

Free via Zoom

Registration: Until 6/21/23

[www.ciapr.org/seminarios](http://www.ciapr.org/seminarios)

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CONFERENCE PACKAGES AVAILABLE

Lunch Provided for Multiple Seminars Attendees



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Exterior con Sede  
en la Florida

**Ms. Erin K. Kelley  
and Mr Mark K.  
Jackson**

**Seminar Scope:** To demonstrate how engineering and surveying contract language can affect the outcome of a claim. Learn key contract provisions these professionals should be able to identify and explores ways to avoid un insurable risks in their contracts for professional services. Review important contract clauses to limit firms liability and to protect the professional employees who participates In the services.

**Seminar Topics:** How can contract language affect outcome of a claim, Key contract provisions, Important clauses to be included with every client contract, protection of employees from being sued by sued by clients.



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# EMOTIONAL INTELLIGENCE: PARTE I EMOTIONAL EDUCATION PARTE II LEADERSHIP AND EVALUATION

Part I: Thursday, June 22<sup>nd</sup>, 2023 @ 3:00PM (EST)

Part II: Friday, June 23, 2023 @ 10:00 AM (EST)

(Part of the Seminars at the 2023 Convention)

## 4.0 HOURS SEMINAR

General: Engineers and Surveyors

- THURSDAY JUNE 22 at 3:00 PM EST PART I
- FRIDAY, JUNE 23 at 10:00 PM EST PART II
- IN PERSON:  
The Florida Hotel  
1500 Sand Lake Road  
Orlando, FL 32809
- VIRTUAL – CIAPR ZOOM PLATFORM
- PRICE:

\$ 70 CIAPR MEMBERS

\$100 ALL OTHERS

STUDENTS:

\$20.00 IN-PERSON

FREE VIA ZOOM

CONFERENCE PACKAGES AVAILABLE  
LUNCH FOR MULTIPLE SEMINARS  
ATTENDEES

REGISTRATION: UNTIL 6/21/2023 @ NOON  
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Florida



## Dr. Juan Diego Betancur Arias

Psychologist, Doctorate in Psychology with emphasis on Applied Cognitive Neuroscience

Psicólogo, Doctor en Psicología con Orientación en Neurociencia Cognitiva Aplicada.

Currently a senior researcher and editor of "Ciencias y Academia" research magazine, he leads research on applied neurosciences. He is currently inscribed with the basic and applied neurosciences group of the Luis Amigo Catholic University in Medellin, Colombia. He is an active member in various academic committees in Colombia, Europe, and USA

With over 15 years of experience in academia and research, his scientific contributions have been focuses in two great areas: Violence as a factor of human destruction and the mental health & labor well-being of employees in different organizational contexts in Colombia and the world.

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# Designing Pedestrian Facilities for Accessibility

FRIDAY, JUNE 23, 2023 @ 8:00 AM (E.S.T.)  
The Florida Hotel - 1500 Sand Lake Rd. Orlando FL  
(Part of the Seminars at the 2023 Convention)

## 2.0 HOURS TECHNICAL SEMINAR FOR ENGINEERS & SURVEYORS

- FRIDAY, JUNE 23, 2023
- COURSE STARTS AT 8:00 AM EST (Florida)
- IN PERSON:  
The Florida Hotel  
1500 Sand Lake Road  
Orlando, FL 32809
- VIRTUAL – CIAPR ZOOM PLATFORM

- PRICES:  
\$80 – CIAPR MEMBERS  
\$100 – ALL OTHERS
- STUDENTS:  
\$20 IN PERSON  
FREE VIA ZOOM

**\*CONFERENCE PACKAGES AVAILABLE\***

**\*LUNCH PROVIDED FOR MULTIPLE SEMINARS  
ATTENDEES\***

**REGISTRATION: UNTIL 6/21/2023 @ NOON**

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CIAPR Exterior Chapter with  
Headquarters in Florida

**Juan M. Morales,**  
**PE(Florida)**  
**Certified Instructor**  
**NHI(FHWA)**



**Seminar Scope:** To make participants aware and knowledgeable of the ADA Act accessibility guidelines focused on the design and accessibility of pedestrians facilities within public roads. Addressing of applicable standards.

**Seminar Topics:** Laws & Regulations, guidelines and standards, Requirements for ensuring accessibility in existing facilities and in new construction, Challenges to persons with disabilities in the Public Right of Way, Review of design elements to achieve accessibility and Accessibility devices.





# Post Installation Inspection and Acceptance of Reinforced Concrete Pipelines

Friday, June 23, 2023 @ 1:00 PM (E.S.T.)

The Florida Hotel - 1500 Sand Lake Rd. Orlando FL

## 2.0 HOURS SEMINAR

Technical hours for Engineers and Surveyors,

- FRIDAY, JUNE 23, 2023
- COURSE STARTS AT 1:00 PM EST (Florida)
- IN PERSON:

The Florida Hotel  
1500 Sand Lake Road  
Orlando, FL 32809

- VIRTUAL – CIAPR ZOOM PLATFORM

- PRICES:  
\$80 – CIAPR MEMBERS  
\$100 – ALL OTHERS

- STUDENTS:  
\* \$20 IN PERSON  
FREE VIA ZOOM

## CONFERENCE PACKAGES AVAILABLE\*

\*LUNCH PROVIDED FOR MULTIPLE SEMINARS  
ATTENDEES\*

REGISTRATION: UNTIL 6/21/2023 @ NOON

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Ángel De Jesús. PE (Florida)

**Seminar Scope:** Utilization of structural engineering concepts and national standards for the final inspection and acceptance of reinforced concrete pipelines, previous to commission for service.

Seminar Topics: Inspection engineering standards, Inspection at pipe manufacturing, pre-installation and during construction, Pipe manufacturing quality control, Inspection protocol and frequency, Inspection techniques, Inspection criteria, inspection review report.





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## Pumping System Design

**Friday, June 23, 2023 @ 3:00 PM (E.S.T.)**

**The Florida Hotel – 1500 Sand Lake Road Orlando FL  
(Part of the Seminars at the 2023 Convention)**

### 2.0 HOURS SEMINAR

Technical and General hours for Engineers and Surveyors, respectively

- FRIDAY, JUNE 23, 2023
- COURSE STARTS AT 3:00 PM EST (Florida)
- IN PERSON:  
The Florida Hotel  
1500 Sand Lake Road  
Orlando, FL 32809
- VIRTUAL – CIAPR ZOOM PLATFORM
- PRICE :  
\$80.00 – CIAPR MEMBERS  
\$100.00 – ALL OTHERS
- STUDENTS:  
\$ 20.00 IN PERSON  
FREE VIA ZOOM

**CONFERENCE PACKAGES AVAILABLE  
LUNCH FOR MULTIPLE SEMINARS  
ATTENDEES**

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**Edgardo N. Martínez, PE**

**Seminar Scope:** presentation of the application and design approaches of pumping systems, focusing in water and wastewater systems.

**Seminar Topics:** Types of pumps and their application, ation of hydraulics principles, Basic elements of design, System's complementary components, Hydraulic design example, Operational considerations, Conduit pipes characteristics, Multidisciplinary approach.







Join us for a fun morning  
Spouses Club of the Florida Chapter

Annual Assembly and Keynote Speaker  
Mrs. Laura E. Cruz-Martinez M.Sc., ABS



**Agenda:**

**7:00am to 8:30am Breakfast**

**8:30am to 9:00am Registration**

**9:00am to 10:30am Keynote Speaker w. Laura E. Cruz-Martinez M.Sc., ABS**

**10:30am to 12:30pm General Assembly**

**12:30pm to 1:30pm Lunch**

At The Florida Hotel  
1500 Sand Lake Rd, Orlando, FL 32809

On Saturday June 24th at 9:00am  
Members \$25.00 / On Site \$35.00  
(includes one morning drink)  
Registration required please RSVP