

The Canadian Centre for Welding and Joining (CCWJ) please to  
invite you to the seminar

## Seminar Content:

Welded connections are used in a wide range of industries, from construction of towering steel structures to fabrication and assembly of high alloy corrosion resistant tanks and pipelines. Regardless of the final application, proper design and placement of welded joints requires consideration of numerous complex phenomena in order to achieve desirable mechanical and metallurgical properties, and ensure the integrity of the final structure or component. Join us, as a world renowned expert shares his knowledge and experience in optimizing reliability, safety, and economics of welded connections of all shapes and sizes. This seminar is an invaluable opportunity for anyone with an interest in the design of any structures, equipment or components featuring welded connections. Sign-up today!

## About the Presenter:

Duane K Miller, Sc.D., P.E. is a recognized authority in the design of welded connections. He is the author of the book "Welded Connections: Design and Analysis" published by McGraw-Hill in 2001. He is also the author of the book "Welded Connections: Design and Analysis" published by McGraw-Hill in 2001. He is also the author of the book "Welded Connections: Design and Analysis" published by McGraw-Hill in 2001.

## Schedule:

Day1 (June 14, 2017)

- *Basics of Welded Connections:*

Welding codes and standards, the essence of welding: atomic closeness, atomic cleanliness, fusion versus penetration, five joint types, five weld types, weld terminology.

- *Principles of Connection Design*