

# Save the Date

# WUFI® Training Workshop

## About the Course

WUFI® is an acronym for Wärme Und Feuchte Instationär, which, translated, means heat and moisture transiency.

Today's residential and commercial building envelopes in North America are required to be energy efficient, which mainly means the envelope needs to meet R value and air tightness requirements.

Practical experience in the last decades all over the world and physical principles show that a higher risk of moisture failures go along with these energy efficiency requirements.

The WUFI® Workshop will educate students in the principles of building science, based on the latest research, as well as train them how to do hygrothermal performance assessments using the WUFI® tool to eventually design a durable building envelope. Effects like material properties, climate regions and indoor moisture generation are shown and their impact on the durability discussed.

ASHRAE Standard 160 will be introduced as a basic guideline on how to apply "Criteria for Moisture-Control Design Analysis in Buildings."

## About the Instructor

Manfred Kehrer has been active in the field of heat and moisture analysis in Building Science for more than 25 years. After many years of scientific work at Fraunhofer IBP, Germany, where he was leading the WUFI® software development and conducted laboratory measurements, he worked for the Oak Ridge National Laboratory, TN, for five years as a Sr. Researcher in Building Science. Since early 2016, he's been president of the start-up company justSmart Solutions LLC, in the field of building science consulting, and acts as the Official WUFI® Collaboration Partner for USA and Canada. Mr. Kehrer is a voting member of several ASHRAE and ASTM committees, and sits on the editorial board of the "Journal of Building Physics."

## Registration Details

### Course Information:

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Please place course code on the registration form.

### Online Info:

[rrc.ca/techsolutions](http://rrc.ca/techsolutions)

### Subscribe:

[rrc.ca/tsnews](http://rrc.ca/tsnews)

## Course Details

Dates: February 20 and 21, 2018

Times: 8:30am to 4:30pm

Location: Red River College

Cost: \$895 + GST

Course Code: WRKS 9121

Course cost includes: Parking, lunch and morning coffee.

