

 **WUFI[®] PRO** **Heat & Moisture Simulation Workshop**
Day 1 Workshop Programme
26 February 2025 - Online

- 8:45 Log in
- 9:00 Welcome, introduction and overview
- 9:30 Pres #1: Introduction to the language & concepts of building physics and
 moisture sensitive design - *Joseph Little*
- Pres. #2: Effects of Moisture and Hygrothermal Performance Evaluation in
 Building Practice – *Christian Bludau*
- Pres. #3: Fundamentals of Hygrothermal Simulation Models and Validation–
 Christian Bludau
- Pres. #4: What goes on in solid walls and why should we care? – *Joseph
 Little*
- 13:00 – 13:45 *Lunch Break*
- Pres. #5: Evaluation of hygrothermal simulation results Part I - *Christian Bludau*
- Pres. #6: Initial Conditions, Sources and Sinks
- WUFI[®] Pro Program Tour (video)
- 17:30 End of first day

Principal Presenters/Instructors

Christian Bludau, Dr.-Ing. - Fraunhofer IBP, Holzkirchen, Germany
Joseph Little, BArch, MSc Arch. AEES - TU Dublin, Ireland



Heat & Moisture Simulation Workshop
Day 2 Workshop Programme
27 February 2025 - Online

- 9:00 Log in
- Practical: WUFI Pro Session - Christian Bludau and Joseph Little
- Pres. #7: Evaluating risk in a context of uncertainty - national ambition, risks, standards & accuracy - *Joseph Little*
- Pres. #8: Input data: material properties, climate, and surface transfer – *Christian Bludau*
- Pres. #9: Evaluation of hygrothermal simulation results Part II (Frost, Corrosion, Mould) - *Christian Bludau*
- 13:00 *Lunch Break*
- Pres. #10: Heavy structures & better simulations – *Joseph Little*
- Practical: WUFI Pro Session - Christian Bludau and Joseph Little
- Handling of typical constructions + accessing resources
- Pres. #11: WUFI Family – *Christian Bludau*
- Concluding discussion and questions
- 17:30 Session evaluation and close

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Please note programme is liable to change.