

 **WUFI[®] PRO** **Heat & Moisture Simulation Workshop**
Day 1 Workshop Programme
Thursday 28 November 2019 - London

- 8:30 *Registration and installation of software on personal laptops*
Tea/Coffee and breakfast snacks
- 9:00 Welcome, introduction and overview
- 9:30 **Pres #1: An introduction to the physics of moisture - Joseph Little**
Pres. #2: Effects of Moisture and Hygrothermal Performance Evaluation in Building Practice - Christian Bludau
- 11:10 *Tea/Coffee Break*
- 11:25 **Pres. #3: Fundamentals of Hygrothermal Simulation Models and Validation - Christian Bludau**
Pres. #4: Evaluation of hygrothermal simulation results Part I - Christian Bludau
- 13:00 Lunch Break
- 14:00 **Pres #5: Conditions that exacerbate risk & membranes for moisture control – Joseph Little**
WUFI Practical: Using the WUFI material database & Wufi Graph – Joseph Little
Pres #6: Initial Conditions, Sources and Sinks – Christian Bludau
WUFI Pro Practice Session – Christian Bludau and Joseph Little
- 16:00 *Tea/Coffee Break*
- 16:15 **WUFI Pro Practice Session – Christian Bludau and Joseph Little**
- 17:45 Conclusion
- 18:00 *Optional group get together and networking*

Principal Presenters/Instructors

Christian Bludau, Dipl.-Ing., Senior Researcher - Fraunhofer IBP, Germany
Joseph Little, BArch, MSc Arch. AEES, TU Dublin

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Day 2 Workshop Programme
Friday 29 November 2019 – London

- 8:30 *Tea/Coffee & breakfast snacks*
- 9:00 *Pres. #7: Input data: material properties, climate and surface transfer - Christian Bludau*
WUFI Practical: Report writing & consulting: consistency in a world gone mad - Joseph Little
- 11:00 *Tea/Coffee Break*
- 11:15 *WUFI Practical: Determining and entering surface conditions – Joseph Little*
Pres. #8: Evaluation of hygrothermal simulation results Part II (Frost, Corrosion, Mould) - Christian Bludau
WUFI Practical: Evaluation of mould growth using WUFI Bio – Christian Bludau
- 13:00 *Lunch Break*
- 14:00 *Pres. #9: Wufi Pro & Plus: hygrothermal risk assessment of roofs – Joseph Little*
WUFI Pro Practice Session: parametric assessment of roof (partly prepared model)
WUFI Pro Practice Session (bring personal case study if desired) - Christian Bludau and Joseph Little
- 16:00 *Tea/Coffee Break*
- 16:15 *Concluding discussion and questions*
- 17:00 *Session evaluation and close*

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Please note programme is liable to change.