

## **Prof. (FH) Dr.techn. Christian Heschl**

Born 1973 in AUT

### **Education:**

- 1994 – 1998: Diploma programme (DI (FH)) “Building Technology”, FH Burgenland  
1998: Entrepreneur Examination, WIFI  
1998 – 2010: PhD (Dr.techn.) “Mechanical Engineering”, TU Graz

### **Professional career:**

- 1993 – 2000: HVAC technician, project manager  
E. Schurich GmbH, BACON Gebäudetechnik GmbH & Co KG etc.
- Since 2000: Fachhochschule Burgenland GmbH  
2000 – 2005: Scientific Research Assistant  
2005 – 2008: Senior Lecture  
Since 2008: Professor for thermo- and fluid dynamics  
2009 – 2013: Director of the Josef Ressel-Centre “CFD-Centre Austria”  
Since 2013: Director of study & research laboratory in Pinkafeld  
Since 2013: Director of the master degree programme  
“Building Technology and Building Management”  
Since 2013: Strategy board member of the K1 centre “BIOENERGY 2020+”
- Since 2013: Member of the scientific advisory board of the competence center  
“Gesundes Bauen”
- Since 2014: Founding member Building Technology-board of the ÖIAV  
Since 2016: Forschung Burgenland GmbH  
Director of the “Center for Building Technology”

### **Working fields:**

- Building technology, Thermodynamics and Computational Fluid Dynamics (CFD)
- More than 70 publications in journals and proceedings
- Key Researcher in more than 60 R&D projects
- Reviewer of following journals (extract): Energy and Buildings, Building Simulation

### **Publications (Extract):**

- Heschl Ch., Klanatsky P., Inthavong K.. (2014). Turbulence modelling for indoor airflow simulation. Paper for the 13th International Conference on Indoor Air Quality and Climate, July 7-12, 2014, Hong Kong.
- Heschl Ch., Inthavong K., Sanz W., Tu J. (2014). Nonlinear eddy viscosity modeling and experimental study of jet spreading rates. Indoor Air, Volume 24, Issue 1, pages 93–102, February 2014
- Heschl Ch., Inthavong K., Sanz W., Tu J. (2013). Evaluation and improvements of RANS turbulence models for linear diffuser flows. Computers & Fluids vol. 71, pp. 272–282
- Heschl Ch., Inthavong K., Tu J. (2012). Evaluation of eddy viscosity turbulence models to predict convective heat transfer. Ninth International Conference on CFD in the Minerals and Process Industries, CSIRO, Melbourne, Australia, 10-12 December 2012
- Lindmeier I., Heschl Ch., Gneist M., Nikolics M., Velikovskiy R. (2011). Instationäre Simulation der thermischen Behaglichkeitsparameter im Sommerfall mit CFD. Kongressbeitrag zur enova 2011, Fachhochschulstudiengänge Burgenland GmbH, Studienzentrum Pinkafeld, ISBN 978-3-9502452-1-9