

## Curriculum Vitae

### Robert Roithmayr

Architect, Legally Certified Engineer  
Univ. Lecturer, Dipl.-Ing. Dr. techn.



Born 1973 Lienz Osttirol, Austria

#### Education

1989 - 1994 Commercial Academy  
1994 - 2001 Vienna University of Technology, Architecture  
Vienna University of Technology, Computer Science  
1996 - 1998 Vienna University, Sinology  
2001 - 2003 Berlin and Vienna University of Technology  
Ph. D. Thesis:  
Formfinder: concept for a software-tool to assist architects  
in the preliminary design of form-active structures  
Since 2007 Legally certified engineer

#### Profession

Since 2006 CEO Formfinder Software GmbH Wien  
2004 - 2016 Partner Wehdorn Architekten  
2009 - 2013 Chairman of the section "Architecture and Planning" of  
The Austrian Association of Engineers- and Architects (OIAV)  
Since 2014 Founder of TensileEvolution GmbH Wien in team with  
Simon K. Chiu and Horst Dürr now based in Los Angeles

#### Teaching Activity

2003 - 2007 Directing Competence, Industrial Software  
Vienna University of Technology  
2008 - 2014 Institute of Interdisciplinary Construction Process Management  
Vienna University of Technology  
2010-2016 Initiator, program coordinator, lecturer and head of the academic  
MEng. Program in "Membrane Lightweight Structures" at the Vienna  
University of Technology in Austria  
Since 2016 Program Director of the postgrad. academic MEng. Program in "Light-  
weight Membrane Structures" at the Danube University Krems Austria

**Membership** IASS, IFAI, TensiNet and OIAV

## formfinder

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# Robert Roithmayr

Architect Civil Engineer  
Univ. Lecturer, Dipl.-Ing. Dr. techn.

Robert Roithmayr acts as planner and consultant on major international projects involving membrane lightweight structures. He is architect, computer scientist and legally certified engineer.

In 2006 he founded the Formfinder Software GmbH in Vienna ([www.formfinder.at](http://www.formfinder.at)).

From 2004 to 2016 he was partner of Wehdorn Architekten Vienna. From 2009 to 2013 chairman of the section "Architecture and Planning" of the Austrian Association of Engineers- and Architects ([www.oiaav.at](http://www.oiaav.at)).

In 2010 he initiated the international post graduate Master of Engineering Program academic MEng. Program in "Membrane Lightweight Structures" at the Vienna University of Technology in Austria

In 2014 Simon Chiu, Horst Dürr and he founded the TensileEvolution now based in Los Angeles.

Since 2016 he is the program director of the postgrad. academic MEng. Program in "Lightweight Membrane Structures" at the Danube University Krems Austria

# Robert Roithmayr

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My dream is to create "Architecture that is light as the air" and in some "Lightweight Membrane Structures" I can find such lightness!

Having graduated in Computer Science and Architecture in 2001 at the Vienna University of Technology, I started a close cooperation with internationally renowned architects.

In 2006 I founded the Formfinder Software GmbH in Vienna Austria.

Since 2007 I am a legally certified engineer.

From 2003 to 2007 I have been directing competence at the institute of industrial software. From 2008 to 2014 I am teaching at the Institute of Interdisciplinary Construction Process Management at the Vienna University of Technology. From 2004 to 2016 I have been a Partner at the Wehdorn Architekten. From 2009 to 2013 I was chairman of the "Architecture and Planning" section of the Austrian Association of Engineers- and Architects (OIAV [www.oiaav.at](http://www.oiaav.at)).

In the year 2010 I initiated the first international post graduate Masters of Engineering Program at the Vienna University of Technology and till 2016 I continued to deliver lectures, develop the curriculum and overall direction of the program.

In 2014 Simon Chiu, Horst Dürr and I founded the TensileEvolution now based in Los Angeles.

In the year 2016 I became the program director of the postgrad. academic MEng. Program in "Lightweight Membrane Structures" at the Danube University Krems Austria.

The design and engineering of Lightweight Membrane Structures and the related on-going research and development of new solutions in this field, is my prime objective for the professional and academic career.

I am involved in products like the new TENNECT cable fitting [www.tennect.com](http://www.tennect.com) or the new ForFlexx [www.forsstrom.com](http://www.forsstrom.com) welding technology which enables the direct welding of a membrane to metal applications.

Currently I am working internationally as a planner and consultant on major projects involving Membrane Lightweight Structures.

*'Perfection, then, is finally achieved, not when there is nothing left to add, but when there is nothing left to take away.'*

Antoine de St. Exupery