

# Vladimír Ondejčík

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Born: 16.05.1988, Nitra, Slovak Republic

## Profile:



Ir. Vladimír Ondejčík graduated with Honorable mention as Master of Science in Architecture at Delft University of Technology with specialization in non-standard and interactive architecture. He graduated with the only 10 grade awarded so far by Hyperbody research group. He applied principles of non-standard architecture and sustainability to rethink fundamentals and behavior of new green architecture in his master thesis Transferium Almere 2. He has experience in parametric design, programming, prototyping with CNC techniques, sustainable design, drafting, building technology detailing as well as design of the different public buildings or dwellings.

## Education:

- 2010-2012** **Delft University of Technology, Faculty of Architecture, Hyperbody The Netherlands**
- 2012** **Master of Science in Architecture, Urbanism and Building Sciences**  
**Honorable Mention, Best grade awarded in history of Hyperbody**  
Possibility to register with Royal Institute of Dutch Architects  
Non-standard and interactive architecture, sustainability, wind energy, CNC fabrication (robotic arms, laser-cut, 2 and half D milling)
- 2009** **Royal Institute of Technology, Stockholm, Faculty of Architecture, Sweden - Erasmus Exchange Program**  
Courses in performative design, sustainable architecture, 3D printed and laser cut models
- 2006-2010** **Slovak University of Technology, Bratislava, Faculty of Architecture**
- 2010** **Bachelor degree in architecture and urbanism**
- 2006, 2007** Merit scholarship for students with high average grade  
Dwelling, Public buildings, Constructions, Building, Urban planning, Landscape architecture and Interior design

## Awards:

- 2012** **Honorable Mention**  
For exceptional graduation project, TU Delft, The Netherlands  
Transferium Almere 2.0  
Non-standard and sustainable multi-modal transfer hub and building integrated progressive wind energy.
- 2011** **one of 70 INDESEM winners + entry was selected top 12**  
INDESEM, international design seminar  
Research into possible connections between physical and virtual levels of the public squares
- 2009** **Reward, The Prize of Dean: The Price for Constructions**  
Faculty of Architecture, Slovak University of Technology, Bratislava  
New-Old Bridge  
Redesign and preservation of collapsing Old Bridge over the Danube river with essential historical value.  
The Prize of Dean is awarded to the best studio project in each academic year. It is the highest price for students of the Faculty of Architecture STU.

### Work experience:

- 2009**            **Internship**, Forma AD, Stockholm, Sweden  
Half year internship next to ERASMUS studies in well-known small practice in Stockholm, containing design and drawings of comfort villa in Täby, Sweden
- 2009**            **Free Lance**, Doprastav Development, a.s., Drieňová 27, 826 56 Bratislava  
First stage plans and design of recreation area in 3 variations
- 2008**            **Free Lance**, Les Associés, Mlynské Luhy 36, 82105 Bratislava  
Design and drawings of family house, which was designed as an additional element to increase the variability of houses in planned residential area near Slovensky Grob in Slovakia
- 2007**            **Training**, Verko, s.r.o, Štefánikova trieda 15, 949 01 Nitra  
Training on construction site containing supervising on site and checking finances and administration in architectural practice

### Language skills:

- English**            C2 mastery level  
**2010**            **IELTS Band 7**  
**2006**            General state language examination level C1  
Experience with simultaneous translating
- Swedish**            Advanced beginner  
**German**            Beginner
- Slovak**            Mother tongue  
**Czech**            Complete understanding

### Computer skills:

- AutoCAD**            Advanced, Drafting and layouts  
**Rhinoceros**            Advanced, Modeling, V-ray, laser-cut layout, basics of RhinoCAM  
**Grasshopper**            Advanced, Scripting, genetic algorithms optimization, ...  
**Illustrator**            Advanced, Layouts and vector drawings  
**Photoshop**            Advanced, Layouts, photo retouching

### Other advanced and intermediate software skills:

*3ds Max, AfterEffects, ArchiCAD, Corel Draw, Ecotect, Google sketchup, HTML/CSS/jQuery, InDesign, Lightroom, MAX/MSP/Jitter/COSM, Maya, Microsoft Office, Processing+Arduino  
Files and layouts for CNC fabrication*

### Personality:

- 2010**            **BELBIN®** Team Roles Test, <http://belbin.com>
- Plant**            Solves difficult problems with original and creative ideas. Not afraid to challenge norms. Good at starting new things.
- Team Worker**    Cares for individuals and the team. Good listener and Works to resolve social problems. A great source of emotional strength in the team.

**Other accomplishments, skills and interests:**

- 2012 Guest in Slovak National Radio  
90 minute show about graduation project Transferium Almere 2.0, studies and living abroad
- 2012 Performative proliferations project published in book:  
Hyperbody – First decade of interactive architecture, Oosterhuis, K., (et. al), Japsam books, 2012
- 2007-2009 Member of Student parliament FA STU  
2007-2009 Member of Senate FA STU
- 2003-2009 Co-organization of international exhibition Bonsai Slovakia  
Exhibition plan 2006 and 2010, international guest care, exhibition space building process, on stage action, bonsai demonstration, driver, official photographer
- 2007, 2008 Co-organization of Beáňa Architektov event  
Communication with sponsors, entry and ticket control, preparation of the area, driver
- Bonsai art** Lecturer in Bonsai School, Nitra  
Trainings: Danny Use (Belgium) and Salvatore Liporace (Italy)
- Photography** official photographer of Bonsai Slovakia international exhibition

**References**

**Dr. N. M. Bioria**

Assistant Professor and research manager Hyperbody, TU Delft, n.m.bioria@tudelft.nl

**Dr. H. H. Bier**

Assistant Professor and education manager Hyperbody, TU Delft, h.h.bier@tudelft.nl

## **Honourable mention**

The Board of Examiners of the Faculty of Architecture awards

### **V. Ondejcik**

an honourable mention on the grounds of excellent performance in his Graduation Design Studio project concerning the development of an Energy Efficient Train Station in Almere, Netherlands.

V. Ondejcik, has shown a high level of dedication, creation as well as drive as regards focused research and design application in the areas of computational design, environmental design, digital manufacturing and sustainable design.

Throughout his graduation project, he has exhibited innovative ways and methods in which technological proves and integrated design thinking can pave the way for self-sufficient and energy efficient architectural design solutions.

Bottom-up design thinking coupled with systems thinking and an eye for aesthetics, thus make him an excellent professional with a responsible mindset. We wish him the very best for his future career and do expect to see the same relentless performance from his end in the field of design and engineering.

Delft, 29<sup>th</sup> June 2012

On behalf of the Board of Examiners,

