

Master class

international and interdisciplinary workshop

Presentation of the final results

Thursday, 1st of September 2016, at 10.30
International Wood Fair
Messe-Centrum 5, Saal 2
Messeplatz 1, A-9021 Klagenfurt

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| 10.30 | Welcoming and introduction
DI Maruša Retuznik, proHolz Austria |
| 10.45 | Results and experiences gained within the Master class
Prof. Dr. Vlatka Rajčić, <u>Faculty of civil engineering, University of Zagreb</u>

Prof. Dr. Miroslav Premrov, <u>Faculty of civil engineering, transportation engineering and architecture, University of Maribor</u>

Univ.-Prof. Dipl.-Ing. Dr.techn. Gerhard Schickhofer, <u>Institute of Timber Engineering and Wood Technology, TU Graz</u>

Univ.-Ass. DI Sonja Frühwirth, <u>Institute for Design and Architectural Typologies, TU Graz</u> |
| 11.30 | Welcoming by the chairman of proHolz Austria
Christoph Kulterer, proHolz Austria

Presenting of the best projects by the students |
| 12.30 | Networking and presentation of the designs made within the Master class |

In collaboration with TU Graz, University of Zagreb and University of Maribor, we organised an international and interdisciplinary Master class for students of architecture and civil engineering to rise the awareness of wood as a modern building material among young architects and engineers and establish the relationship between companies and universities. Under the professional guidance the 24 students designed in 10 interdisciplinary groups a concept of the renovation of a school built in the urban area of Graz.

Vienna, 26th of August 2016

proHolz Austria is the working group of the Austrian Forest and Wood industries. Its objective is the effective marketing of wood in Austria and abroad by promoting, advertising and providing information on wood and wood-related subjects. The aim is to communicate the environmental, economic and structural advantages of the building material wood and to give impetus to its increased use. Wood as one of the oldest building materials gains new awareness in Europe due to new technologies and ecological reasons. The technical solutions and advantages of timber constructions go hand in hand with sustainable urban development concepts, which require ecological and climate-friendly constructions.

To promote this development, proHolz Austria started an international program to inform and educate the decision-makers in Austria's neighbouring countries. As a follow up to the mobile 'Woodbox' exhibitions in Zagreb and Ljubljana, where we noticed the interest of young people in building with wood but the lack of knowledge and tools for multidisciplinary education, we initiated an international and interdisciplinary workshop: a master class for students of architecture and civil engineering. With this master class we want to raise awareness for wood as a modern building material among young future experts and establish good relationships between experts, companies and universities.

In the spring semester we organised our first master class in Croatia and Slovenia. Under the professional guidance of professors from TU Graz, the University of Zagreb and the University of Maribor, in 10 interdisciplinary groups the 24 students designed concepts for upgrading and renovating a school built in the 1970s in the urban area of Graz. At the end of the workshop they separately presented their final works to the public and to representatives of the Slovenian and Croatian wood industry and the winning projects were announced. The designers of the winning projects will get the opportunity to improve and extend their knowledge during a one-month internship in Austria. In September the winning engineers will visit the Institute of Timber Engineering and Wood Technology at TU Graz and the winning architects were invited to do their internship at the architectural office Gangoly & Kristiner Architekten in Graz. But before that, they will present their projects, i.e. the concepts and the final results of the master class at the International Wood Fair in Klagenfurt on 1 September 2016 together with their professors from the collaborating universities.

We were pleasantly surprised of the outcome of the master class. This new format – our Master class - has proven to be an excellent tool for teaching the multifaceted know-how of contemporary building methods with wood and for 'spreading' Austrian examples of good practice. The results of the interdisciplinary teams has encouraged us to continue our cooperation on a university level.

Maruša Retuznik, MSc. Civ. Eng.
Project leader for South East Europe, proHolz Austria