

# PHD COLLOQUIUM ON TIMBER ENGINEERING RESEARCH

**August 19-21, 2024, TU Graz (presentations | discussions | excursion)**

(CEST = Central European Summer Time)

**Sunday August 18, 2024 (CEST):** Get Together & Lab Tour, 18:00 – 20:00  
Building Technology Centre (BTZ), Inffeldgasse 24 (ground floor; testing hall)

**Monday August 19, 2024 (CEST),** HS i3, Inffeldgasse 25/D (ground floor, MDEG), 8010 Graz

09:00 – 09:10	Opening of the Colloquium
09:10 – 10:00	<b>Gerhard Fink</b> , (keynote) <i>Research activities at the group for Wooden Structures, Aalto University, Aalto University</i>
10:00 – 10:40	<b>Wei Feng</b> , <i>Probabilistic modelling on the bending properties of nail laminated timber (NLT), Tongji University</i>
10:40 – 11:00	Break
11:00 – 11:40	<b>Nils Schumacher</b> , <i>Shear properties of hybrid cross laminated timber, TUM</i>
11:40 – 12:20	<b>Elisabet Kuck</b> , <i>A limit value analysis on normal forces in laterally loaded dowel-type fasteners, KIT</i>
12:20 – 13:20	Lunch
13:20 – 14:00	<b>Haiyan Fu</b> , <i>Research on mechanical properties of laminated veneer lumber connected with wood dowels, Tongji University</i>
14:00 – 14:40	<b>David Glasner</b> , <i>A new approach to describe the stress-strain behaviour of timber around axially loaded fasteners, TU Graz</i>
14:40 – 15:20	<b>Farid Vafadar Estiar</b> , <i>Structural performance of glued laminated timber beams, Aalto University</i>
15:20 – 15:40	Break
15:40 – 16:20	<b>Zsafia Varga</b> , <i>Methodology for the reuse optimization of timber structures, TUM</i>
16:20 – 17:00	<b>Sebastian Egner</b> , <i>Influencing factors on the (rotational) stiffness of connections with axially loaded screws, KIT</i>
19:00 – 22:00	Dinner

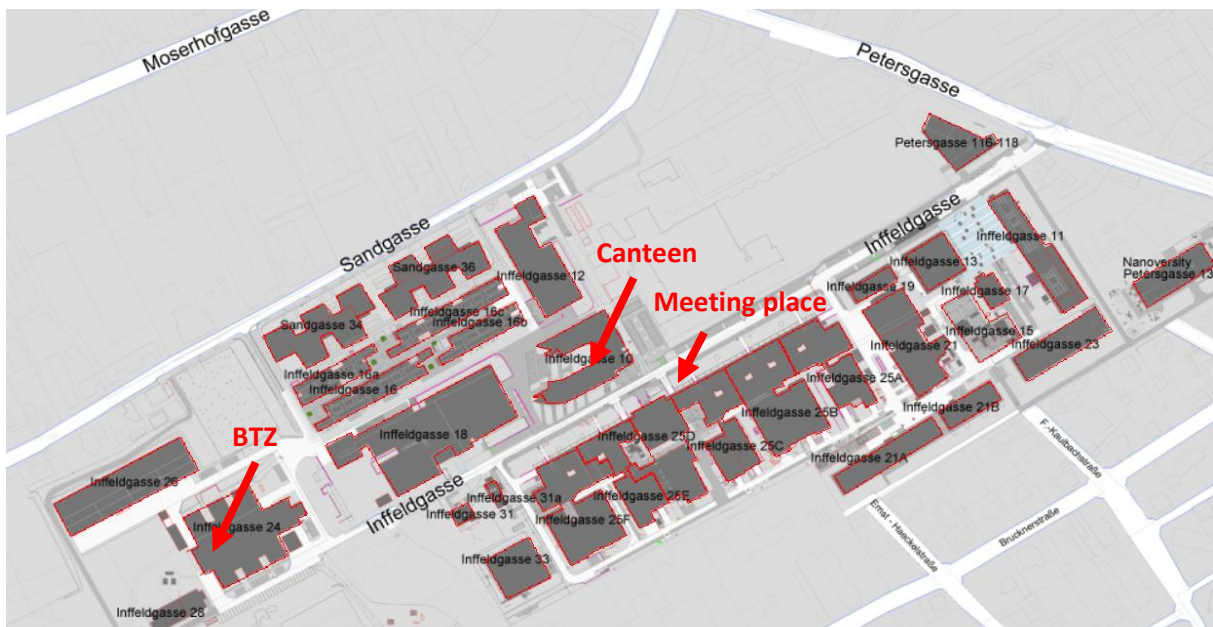
**Tuesday August 20, 2024 (CEST),** HS i3, Inffeldgasse 25/D (ground floor, MDEG), 8010 Graz

08:30 – 09:10	<b>Michael Gstettner</b> , <i>Duration of Load Effect on Axially-Loaded Self-Tapping Screws: Key-Factors and their Influence on DoL-Findings, TU Graz</i>
09:10 – 09:50	<b>Jianan Chen</b> , <i>A framework for evaluating the seismic performance of coupled-panel CLT shear wall structures, UBC</i>
09:50 – 10:10	Break
10:10 – 10:50	<b>Anna Kirschstein</b> , <i>Environmental impacts in the construction stage – Modelling and analysis of the influence of different boundary conditions, TUM</i>
10:50 – 11:30	<b>Ursula Mahlknecht</b> , <i>Block Shear Model for Axially-Loaded Groups of Screws, TU Graz</i>
11:30 – 12:30	Lunch
12:30 – 17:30	Excursion

**Wednesday August 21, 2024** (CEST), HS i3, Inffeldgasse 25/D (ground floor, MDEG), 8010 Graz

09:00 – 09:40	<b>Zhen Wang</b> , <i>Seismic performance of steel plate shear wall and timber frame hybrid structures</i> , Tongji University
09:40 – 10:20	<b>Aurélien Clerc</b> , <i>Mechanical requirements for moment-resisting timber connections in tall timber buildings</i> , ETH Zurich
10:20 – 10:40	Break
10:40 – 11:20	<b>Simon Aurand</b> , <i>Increased friction in timber connections</i> , KIT
11:20 – 12:00	<b>Lukas Esser</b> , <i>Experimental investigations on catenary action in CFRP reinforced glued laminated timber beams</i> , ETH Zurich
12:00 – 12:40	<b>Markus Tripolt</b> , <i>Thick Peeled Products (TPPs) – An overview about their production, characterization and thoughts about their possible use</i> , TU Graz
12:40 – 12:50	Closure of the Colloquium

**Graz University of Technology (TU Graz) | Campus area “Inffeldgasse”**



## Hotels with special TU Graz conditions (2024)

Please note: To receive the special prices please refer to “TU Graz” already at booking. During congresses & fairs prices might be higher!

**Augarten Art Hotel** | Schönaugasse 53, 8010 Graz

phone: +43 316 20800 | e-mail: [office@augartenhotel.at](mailto:office@augartenhotel.at) | [www.augartenhotel.at](http://www.augartenhotel.at)

prices / night (without breakfast; with city tax, leisure area, w-lan; surcharge category € 25,00, breakfast € 18,00):

- Business single room € 110,00
- Business double room € 125,00

**Hotel Daniel** | Europaplatz 1, 8020 Graz

e-mail: [bookinggraz@hoteldaniel.com](mailto:bookinggraz@hoteldaniel.com) | [www.hoteldaniel.com](http://www.hoteldaniel.com)

price / night (without breakfast & city tax; with w-lan):

- –15 % on the accommodation share of the current daily rate

**Hotel Gollner** | Schlögelgasse 14, 8010 Graz

phone: +43 316 822521 0 | e-mail: [office@hotelgollner.at](mailto:office@hotelgollner.at) | [www.hotelgollner.com](http://www.hotelgollner.com)

price / night (with breakfast & city tax):

- Classic single room € 112,00
- Business single room € 122,00
- Classic Deluxe double room € 166,00
- Business double room € 176,00

**Parkhotel** | Leonhardstraße 8, 8010 Graz

phone: +43 316 363027 (Mr. Baumgartner Stephan) | e-mail: [office.sales@parkhotel-graz.at](mailto:office.sales@parkhotel-graz.at) | [www.parkhotel-graz.at](http://www.parkhotel-graz.at)

price / night (with breakfast & city tax & w-lan & parking places) only in case of direct booking (not online!):

- Economy single room € 142,00
- Superior single room € 147,00
- Standard double room / single use € 172,00
- Standard double room / double use € 211,00



**Hotel Weitzer** | Grieskai 12-16, 8020 Graz

e-mail: [reservations@weitzer.com](mailto:reservations@weitzer.com) | [www.hotelweitzer.com](http://www.hotelweitzer.com)

price / night (with breakfast & city tax & w-lan):

- Economy single use € 102,00 (double use + € 24,50)
- Classic single use € 117,00 (double use + € 24,50)
- Classic Superior single use € 132,00 (double use + € 24,50)
- Classic Rubin single use € 157,00 (double use + € 24,50)

**Hotel Wiesler** | Grieskai 4-8, 8020 Graz

e-mail: [reservations@grandhotelwiesler.com](mailto:reservations@grandhotelwiesler.com) | [www.hotelwiesler.com](http://www.hotelwiesler.com)

price / night (with breakfast & city tax & w-lan):

- Independent single use € 122,00 (double use + € 27,50)
- Comfort Independent single use € 137,00 (double use + € 27,50)
- Grand Independent single use € 152,00 (double use + € 27,50)
- Junior Suite single use € 182,00 (double use + € 27,50)

## Timber Structures in Styria (Selection)

If interested in visiting timber structures in Styria, especially Graz, a selection and some additional information is provided by **ProHolz Steiermark** [<https://holzbaukarte.at/>] (unfortunately only in German).

