

Toni Levak
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Projects

City Remixed - Fields of action, decision-making principles and recommendations for a circular economy in the construction sector Graz

Juhart, J. (Co-Investigator (Col)), Riewe, R. (Co-Investigator (Col)), Lang-Raudaschl, M. (Co-Investigator (Col)), Triantafyllidis, G. (Co-Investigator (Col)), Hausegger, B. (Co-Investigator (Col)), Haingartner, S. (Co-Investigator (Col)), Dengg, E. (Co-Investigator (Col)), Kurz, C. (Co-Investigator (Col)), Levak, T. (Co-Investigator (Col)), Schlegl, D. (Co-Investigator (Col)) & Günderla, A. L. (Co-Investigator (Col))
1/11/21 → 31/10/22

Joining Cards - Investigation of the current heterogeneous use of materials and their joining methods in interior finishing systems, which lead to problems in reuse and recycling, and investigate cardboard with regard to a broad application as a standardized interior finishing system.

Riewe, R. (Co-Investigator (Col)), Levak, T. (Co-Investigator (Col)), Lang-Raudaschl, M. (Co-Investigator (Col)), Günderla, A. L. (Co-Investigator (Col)), Schlegl, D. (Co-Investigator (Col)), Hausegger, B. (Co-Investigator (Col)), Kurz, C. (Co-Investigator (Col)), Boles, M. (Co-Investigator (Col)), Triantafyllidis, G. (Co-Investigator (Col)), Haidacher, C. (Co-Investigator (Col)), Gschweitl, L. (Co-Investigator (Col)) & Vidal Martinez, M. S. (Co-Investigator (Col))
1/11/21 → 30/04/23

KartSmart Studie - Criteria Catalogue for Determining the Potentials of Cardboard as Building Material

Riewe, R. (Co-Investigator (Col)), Lang-Raudaschl, M. (Co-Investigator (Col)), Haidacher, C. (Co-Investigator (Col)), Levak, T. (Co-Investigator (Col)), Haring, J. (Co-Investigator (Col)) & Reisinger, J. (Co-Investigator (Col))
15/08/18 → 15/02/19

Piezo-Klett - Development of piezoelectric hook-and-loop application for the energy supply of active sensor technology in the building industry

Lang-Raudaschl, M. (Co-Investigator (Col)), Riewe, R. (Co-Investigator (Col)), Freytag, B. (Co-Investigator (Col)), Levak, T. (Co-Investigator (Col)), Drnda, E. (Co-Investigator (Col)), Schlegl, D. (Co-Investigator (Col)), Vidal Martinez, M. S. (Co-Investigator (Col)) & Popek, S. (Co-Investigator (Col))
1/09/20 → 31/08/22

Pre-Feasibility Study: Potentials for Development "Schirmitzbühel - Kapfenberg (Styria)"

Gangoly, H. (Co-Investigator (Col)) & Levak, T. (Co-Investigator (Col))
20/10/14 → 15/12/14

ReCon - Development of a resilient hook-and-loop fastening system for adaptable assembly of building components in building construction

Hirn, U. (Co-Investigator (Col)), Freytag, B. (Co-Investigator (Col)), Dengg, E. (Co-Investigator (Col)), Popek, S. (Co-Investigator (Col)), Haingartner, S. (Co-Investigator (Col)), Lang-Raudaschl, M. (Co-Investigator (Col)), Levak, T. (Co-Investigator (Col)), Vidal Martinez, M. S. (Co-Investigator (Col)), Ritonja, S. (Co-Investigator (Col)) & Berlach, C. (Co-Investigator (Col))
1/11/22 → 30/04/25

Sanierung Elisabethhochhaus - Study Renovation Project "Elisabethhochhaus"

Riewe, R. (Co-Investigator (Col)), Lang-Raudaschl, M. (Co-Investigator (Col)), Asteiner, M. (Co-Investigator (Col)), Boles, M. (Co-Investigator (Col)) & Levak, T. (Co-Investigator (Col))
1/04/22 → 31/07/23

Research outputs

Joining Cards

Lang-Raudaschl, M. & Levak, T., 2024, In: GAM - Graz Architecture Magazine. 20

The potential of hook-and-loop fasteners in the building industry: towards a circular economy

Vidal, M., Raudaschl, M., Levak, T., Drnda, E., Popek, S., Schlegl, D. & Riewe, R., 11 Nov 2022, *3rd Valencia International Biennial of Research in Architecture (VIBRArch): changing priorities*. Editorial Universitat Politècnica de Valencia

Piezoelectric Textile Facade for the energy supply of active sensor technology with regard to data management for circular economy in building construction

Raudaschl, M., Levak, T., Riewe, R., Drnda, E., Popek, S., Schlegl, D., Lund, A., Funke-Kaiser, D. & Triantafyllidis, G., 14 Sept 2022, *IOP Conference Series: Earth and Environmental Science*. Vol. 1078. 012037

Surveying the building stock of Graz with regard to a circular economy in the construction sector

Raudaschl, M., Hausegger, B., Levak, T., Triantafyllidis, G., Dengg, E., Kurz, C., Riewe, R., Günderer, A. L., Haingartner, S., Schlegl, D., Juhart, J. & Regl, J., 14 Sept 2022, *IOP Conference Series: Earth and Environmental Science*. Vol. 1078. 012001

neues|entwerfen: Paul Nelson; Dialektische Verfahren im Entwurf und ihre Erweiterung

Levak, T., 2014, 335 p.

Press/Media

neues|entwerfen

Levak, T.

5/01/15

1 item of Media coverage

Activities

Graz Center of Sustainable Construction

Levak, T. (Participant) & Lang-Raudaschl, M. (Participant)

15 Nov 2023

2023 GCD Symposium on Geometry and Computational Design

Levak, T. (Participant) & Gschweitl, L. (Participant)

3 Nov 2023

Digital Future Congress

Lang-Raudaschl, M. (Participant) & Levak, T. (Participant)

4 May 2023

Graz Center of Sustainable Construction

Raudaschl, M. (Organiser) & Levak, T. (Organiser)

23 Jun 2022

Graz Center for Sustainable Construction

Raudaschl, M. (Participant) & Levak, T. (Participant)

22 Jun 2022

Project presentation "ReCon" and "City Remixed"

Raudaschl, M. (Speaker) & Levak, T. (Speaker)

22 Jun 2022

Zeitmanagement 2: Techniken der zeitlichen Planung
Levak, T. (Participant)
21 Jun 2022

Pfingstdialog: Geist & Gegenwart
Raudaschl, M. (Participant) & Levak, T. (Participant)
1 Jun 2022 → 2 Jun 2022

4.Expert*innen Workshop „Mit Wärmepumpen das Klima schützen“
Raudaschl, M. (Participant) & Levak, T. (Participant)
30 May 2022

FORWARD ARCHITECTURE - Studierende gestalten soziale Praxis
Levak, T. (Participant) & Kurz, C. (Participant)
11 Nov 2021 → 14 Nov 2021

TU Graz – Science for Future 2021 | Circular Construction
Raudaschl, M. (Speaker) & Levak, T. (Speaker)
29 Sept 2021

2.Expert*innen Workshop „Mit Wärmepumpen das Klima schützen“
Raudaschl, M. (Participant) & Levak, T. (Participant)
20 May 2021

Dean's Office of the Faculty of Architecture (1001) (Organisational unit)
Levak, T. (Member)
7 Apr 2021 → 31 Dec 2022

FFG Workshop
Levak, T. (Participant)
2021

Digitalakademie
Levak, T. (Participant)
2019

Rhetorik für Gespräche und Meetings
Levak, T. (Participant)
2019

Bautech Talks 19
Levak, T. (Participant)
19 Nov 2018

Employment

Graz University of Technology
Institute of Architecture Technology (1490)
Graz University of Technology (90000)
Graz, Austria
1 Mar 2025 → present

Prizes

Erfinder der TU Graz

Levak, T. (Recipient), 15 Nov 2023

Herbert Eichholzer Förderungspreis 2011

Levak, T. (Recipient), 2011

Sustainability Award 2024 - Gold

Lang-Raudaschl, M. (Recipient), Ritonja, S. (Recipient), Vidal Martinez, M. S. (Recipient), Haingartner, S. (Recipient), Levak, T. (Recipient), Berlach, C. (Recipient), Dengg, E. (Recipient), Freytag, B. (Recipient), Danner, D. (Recipient), Hirn, U. (Recipient), Harter, T. (Recipient) & Necemer, F. A. (Recipient), 26 Nov 2024

Sustainability Award 2024 - Kategorie Forschen

Levak, T. (Recipient), 2024