

2nd femTUme

# WOMEN'S RESEARCH CONGRESS



**17.01.2024 at TUtheSky**

Getreidemarkt 9, 1060 Wien, BA Gebäude, 11.OG

Get to know the research that is currently being driven by women in our faculty!

A day full of networking, scientific presentations, food and drinks – from women for women.

**REGISTER NOW TO ATTEND**

Join the event and register until 09.01.2024!



## Congress Agenda

<b>08:45 – 09:15</b>	Registration and Reception
<b>09:15 – 09:30</b>	Welcome address by <b>Ute Koch</b> - Vice Rector Human Resources and femTUme
<b>09:30 – 11:10</b>	<b>Sabine Köszegi</b> – <i>Presentation on Breaking Patterns</i> <b>Sarah Nistler</b> – <i>Sinter-joining of Two Different Ceramic Materials</i> <b>Azadeh J. Jazayeri</b> – <i>Triaxiality Analysis of a Designated Cast Material</i> <b>Melanie Todt</b> – <i>Presentation (Topic tba)</i>
<b>11:10 – 11:30</b>	Coffee Break
<b>11:30 – 13:00</b>	<b>Julia Fernández Pérez</b> – <i>Presentation on the exciting field of biofabrication using two-photon polymerization</i> <b>Alice Salvadori</b> – <i>Towards enhanced organs-on-chips: multiphoton-laser patterning of microvascular structures for physiological and inflammatory in vitro models</i> <b>Christiane Lechner</b> – <i>Fascinating cavitation bubbles</i> <b>Lisa-Marie Gaul</b> – <i>Decellularized Cell-Derived ECM as Modular Units for Tissue Engineering</i>
<b>13:00 – 14:00</b>	Lunch
<b>14:00 – 14:45</b>	POSTER PRESENTATIONS  <b>Alexandra Weber</b> – <i>Disassembly planning in the context of remanufacturing</i>  <b>Alice Salvadori</b> – <i>Towards enhanced organs-on-chips: multiphoton-laser patterning of microvascular structures for physiological and inflammatory in vitro models</i>  <b>Andrea Ulloa Fernández</b> – <i>Bioprinting of skin for a psoriasis model</i>  <b>Anna Hirle</b> – <i>Influence of Mo on structure-mechanical properties of TiB<sub>2</sub>±z coatings</i>  <b>Anna Krejci</b> – <i>Use of SLIPS as a new anti-icing method for aviation applications</i>  <b>Fatemeh Azizi</b> – <i>Predicting the thermal behaviour of steel ladles with advanced digital methods</i>  <b>Johanna Bartlechner</b> – <i>Controlling Fuel Cells - Avoiding Degradation in Dynamic Operation</i>  <b>Kathrin Werdinig</b> – <i>Framework for cost analysis of gas infrastructure expansion</i>  <b>Lisa-Marie Gaul</b> – <i>Decellularized Cell-Derived ECM as Modular Units for Tissue Engineering</i>  <b>Magdalena Helena Molnar</b> – <i>Research into the human movement profile</i>  <b>Rebecca Janknecht</b> – <i>A strategic design approach controlling the B-solubility in Ti-B-N thin films</i>  <b>Sophie Richter</b> – <i>Analysing the pore formation in ternary and quaternary diborides during high-temperature oxidation</i>
<b>15:00</b>	POSTER AWARD CEREMONY
<b>open end</b>	Closing and after congress drinks and networking