

Press Release

German Excellence Strategy 13 Cluster Outlines from TU9 Universities Invited to Submit Full Proposals

Berlin, February 2, 2024

In the Excellence Strategy of the German federal and state governments, 13 of the draft proposals submitted by the TU9 Universities successfully passed the proposal phase in the Cluster of Excellence funding line. They were called upon by the Committee of Experts for the Excellence Strategy of the German Research Foundation (DFG) to submit a full proposal. A total of 143 draft proposals were submitted to the DFG, 41 of which may now submit a full proposal in the second round of the Excellence Strategy. The TU9 Universities participated in the competition with a total of 32 new draft proposals.

The TU9 Co-Presidents, Professor Tanja Brühl, President of TU Darmstadt, and Professor Angela Ittel, President of TU Braunschweig, commented on the decision of the panel of experts:

"The fact that a total of 13 projects from the TU9 Universities are now able to submit a full proposal for a Cluster of Excellence is an impressive success. We congratulate all TU9 Colleagues involved in reaching this important milestone. Thank you very much for your outstanding commitment! We would also like to congratulate the scientists of the other successful consortia. This excellent result for TU9 shows: As leading Technical Universities, we are a driving force behind the urgently needed transformation processes. At our universities, scientists work together to develop disruptive ideas and innovative solutions. We are helping to shape the future - the future of tomorrow and beyond. We achieve this on the basis of our specific expertise in the natural sciences and engineering, which we combine in an interdisciplinary way with strong disciplines across the breadth of our universities. We focus on cooperation and networking. This also applies to the trusting collaboration with our non-university partners, who are involved in some of the now successful applications. We are confident that in the next selection stage of the Excellence Strategy our full proposals will also be convincing."

Further information:

<https://www.dfg.de/en/research-funding/funding-initiative/excellence-strategy>

[https://www.wissenschaftsrat.de/EN/Fields-of-Activity/Competitive review processes/Excellence-Strategy/excellence-strategy_node.html](https://www.wissenschaftsrat.de/EN/Fields-of-Activity/Competitive_review_processes/Excellence-Strategy/excellence-strategy_node.html)

Overview of successful draft proposals in the Cluster of Excellence 2024 funding line

Rheinisch-Westfälische Technische Hochschule Aachen	Transformative Materialien für die Medizin - Design, Produktion, Translation (TransMedMat)
Freie Universität Berlin/ Humboldt-Universität zu Berlin (Charité - Universitätsmedizin Berlin), Technische Universität Berlin	INTERACT: Gestörte Inter-Organikommunikation als Ursache von Multimorbidität
Technische Universität Darmstadt	Vernünftige Künstliche Intelligenz

Technische Universität Dresden	Verantwortungsvolle Elektronik im Zeitalter des Klimawandels
Technische Universität Dresden	Verhalten im Kontext: Berechnungen von Verhalten durch Gehirn und Maschine in komplexen und unsicheren Umgebungen
Technische Universität Dresden, Rheinisch-Westfälische Technische Hochschule Aachen	CARE: Klimaneutrales und ressourceneffizientes Bauen
Justus-Liebig-Universität Gießen, Technische Universität Darmstadt, Philipps-Universität Marburg	Adaptives Verhalten
Karlsruher Institut für Technologie, Universität Stuttgart, Universität Ulm	Chemisches Design von Quantenarchitekturen
Johannes Gutenberg-Universität Mainz, Technische Universität Darmstadt	Kommunizierende Biomaterialien: Konvergenzzentrum für lebensähnliche weiche Materialien und biologische Systeme (CoM2Life)
Ludwig-Maximilians-Universität München, Technische Universität München, Julius-Maximilians-Universität Würzburg	Cluster für Nukleinsäureforschung und -technologien - NUCLEATE
Technische Universität München	TransforM: Münchner Zentrum für Transformative Technologien und gesellschaftlichen Wandel
Technische Universität München, Ludwig-Maximilians-Universität München	Biosystem-Design München (BioSystemM)
Universität Stuttgart, Eberhard Karls Universität Tübingen	Bionische Intelligenz

About TU9

TU9 is the Alliance of leading Universities of Technology in Germany: RWTH Aachen University, Technische Universität Berlin, Technische Universität Braunschweig, Technical University of Darmstadt, TUD Dresden University of Technology, Leibniz University Hannover, Karlsruhe Institute of Technology, Technical University of Munich, and University of Stuttgart.

TU9 Universities take special responsibility for the productive and innovative strength of our society and economy. We help shape the future by contributing to digitization and the energy and sustainability transition, to name a few. To this end, we combine our specific expertise in basic research, especially in the natural sciences and engineering, with applied research and innovation. TU9 Universities enjoy an outstanding reputation around the world as renowned research and teaching institutions. As such, they train exceptional young academics for careers in science, business, and administration and assume social responsibility. TU9 Universities foster top-class international networks and diverse cooperation with industry, making them a key element of Germany as a location of science and innovation.

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