



CSC-Tübingen PhD Program: Call for applications 2024
Open PhD positions

| NN | Project number | Project title | Supervisor(s) | Faculty | Degree | Full-time / sandwich |
|----|----------------|---|---|----------|---------------|----------------------|
| | 1 | CSC-Tübingen PhD Program: Project 01 Comparative morphology, ultrastructure and function of the postabdomen of beetle larvae (Coleoptera) | Prof. Dr. Oliver Betz | Science | Dr. rer. nat. | Full-time |
| | 2 | CSC-Tübingen PhD Program: Project 02 Neuronal mechanisms of hippocampal memory | Prof. Dr. Andrea Burgalossi | Science | Dr. rer. nat. | Full-time |
| | 3 | CSC-Tübingen PhD Program: Project 03 Effect of root residue decomposition of winter cover crops on maize N nutrition | Prof. Dr. Michaela Dippold | Science | Dr. rer. nat. | Full-time |
| | 4 | CSC-Tübingen PhD Program: Project 04 Interaction of neurotransmitter-producing bacteria with neuronal receptors | Prof. Dr. Friedrich Götz | Science | Dr. rer. nat. | Full-time |
| | 5 | CSC-Tübingen PhD Program: Project 05 Production of glycerol from CO2 using engineered E. coli | Prof. Dr. Hannes Link | Science | Dr. rer. nat. | Full-time |
| | 6 | CSC-Tübingen PhD Program: Project 06 Dealing with algorithms and AI in everyday life | Prof. Dr. Sonja Utz | Science | Dr. rer. nat. | Full-time |
| | 7 | CSC-Tübingen PhD Program: Project 07 PHD position in very high energy astrophysics | Prof. Andrea Santangelo, Dr. Gerd Pühlhofer | Science | Dr. rer. nat. | Full-time |
| | 8 | CSC-Tübingen PhD Program: Project 08 Role of selective free fatty acid transport in insulin resistance and development of type-2 diabetes | Prof. Dr. med. Andreas Birkenfeld, Dr Gencer Sancar | Medicine | PhD | Full-time |
| | 9 | CSC-Tübingen PhD Program: Project 09 Visual ecology of mice probed with unsupervised behavioral paradigms | Prof. Dr. Thomas Euler | Medicine | Dr. rer. nat. | Full-time |
| | 10 | CSC-Tübingen PhD Program: Project 10 Holographic optogenetic stimulation in the mouse retina | Prof. Dr. Thomas Euler | Medicine | Dr. rer. nat. | Full-time |
| | 11 | CSC-Tübingen PhD Program: Project 11 Functional and metabolic signatures of psychedelics' effects in the brain | Dr. Kristina Herfert | Medicine | Dr. rer. nat. | Full-time |



| NN | Project number | Project title | Supervisor(s) | Faculty | Degree | Full-time / sandwich |
|----|--------------------------------------|---|--|-------------------------------|-------------------------------|----------------------|
| 12 | CSC-Tübingen PhD Program: Project 12 | Development and characterization of new biodegradable membranes for surgical implantation in regenerative medicine | Prof. Dr. Katja Schenke-Layland | Medicine | PhD | Full-time |
| 13 | CSC-Tübingen PhD Program: Project 13 | Modulation of HIV latency by glucocorticoid receptors | Prof. Dr. Daniel Sauter | Medicine | PhD Exp. Med. / Dr. rer. nat. | Full-time |
| 14 | CSC-Tübingen PhD Program: Project 14 | Actionable heterogeneity of SASP (senescence-associated secretory phenotype) and surfaceome in hepatocellular carcinoma therapy-induced senescence | Prof. Alexander N. R. Weber, PhD | Medicine | PhD Exp. Med. | Full-time |
| 15 | CSC-Tübingen PhD Program: Project 15 | Induction of senescence in AML (acute myeloid leukemia) augments NK cell cytotoxicity via inflammasome priming | Prof. Alexander N. R. Weber, PhD | Medicine | PhD Exp. Med. | Full-time |
| 16 | CSC-Tübingen PhD Program: Project 16 | Therapeutic modulation of the pH within the tumor microenvironment to foster Immune checkpoint inhibitor therapy and identification of relevant metabolic biomarkers | PD. Dr. Manfred Kneilling and Prof. Dr. Andre F. Martins | Medicine | PhD Exp. Med. / Dr. rer. nat. | Full-time |
| 17 | CSC-Tübingen PhD Program: Project 17 | Developmental Trajectory of Perceived Learning Costs Among Adolescent Students and Targeted Interventions | Prof. Dr. Benjamin Nagengast | Economics and Social Sciences | none | Sandwich |
| 18 | CSC-Tübingen PhD Program: Project 18 | Numeracy in Asia in the Long Run: Roots of the Great Divergence | Prof. Dr. Joerg Baten | Economics and Social Sciences | Dr. phil. | Full-time |