

The *University of Klagenfurt*, with approximately 1,500 employees and over 12,000 students, is located in the Alps-Adriatic region and consistently achieves excellent placements in rankings. The principles of equality, diversity, health, sustainability and compatibility of work and family life serve as the foundation for our work at the university. We currently have the following open position at the *Microeconomics and Game Theory Group* (Head: Prof. Paul Schweinzer), at the *Faculty of Management, Economics & Law*, to commence at the earliest opportunity:

POST-DOC RESEARCHER

Level of employment: 100%, limited to: 33 months

Gross minimum salary € 59.194,80 p.a. / € 4.932,90 p.m. (14 times a year), class B1

Application deadline: applications will be reviewed on an on-going basis until the position is filled

Project description

The Postdoc position is made available through the Austrian Science Foundation research grant “*Circular Competitive Equilibrium*” (CCE) at the University of Klagenfurt’s economics department. This research project seeks to determine the extent to which ideas of circularity can be combined with the economically well-developed notions of decentralized competition and private ownership economies. For this purpose, the project defines resources in an economically universal way and augments the standard microeconomic toolkit of general equilibrium analysis by introducing production and consumption acts. Differing from the standard production and consumption models, these acts convert sets of resources into individual utility and profit but also affect other elements of the universal resource set by creating (unintended) by-products and waste. Individual optimization then leads to what we call a *competitive circular equilibrium*. On this new methodological basis, we will introduce concepts of (imperfect) circularity, resource optimality, sustainability, and constrained efficiency and establish in which settings they are achievable. This will constitute the central part of the project; extensions to public goods, externalities, asymmetric information, and missing markets will be explored on this basis.

Postdoc job duties

Mainly project-related research. Teaching is voluntary, capped at 4 hours per week, and paid extra; only occasional administrative duties should be expected.

Job environment

The position will be situated at and assigned to the Chair of Microeconomics and Game Theory, University of Klagenfurt, Austria. In addition to Prof. Schweinzer and the postdoctoral researcher, the project team consists of a doctoral student in Klagenfurt and Prof. Zaifu Yang, University of York, UK. Annual travel funds of up to €4.000 are available for the team.

Remuneration & particulars

The position starts in October 2025, or as soon as feasible after. Physical presence in Klagenfurt for a minimum of four days per week is required. Salary tax rates depend on individual circumstances. Austrian monthly salaries are paid 14 times (i.e., there are two double wages).

Contact & further information

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<https://www.aau.at/en/economics/microeconomics/team/univ-prof-dr-mag-paul-schweinzer-msc/>