The Munich Center for Technology in Society (MCTS) at Technical University of Munich is inviting applications for up to four limited-term researcher positions at TU Munich as part of the EU Horizon2020 project “Scaling Up Co-creation: Avenues and Limits for Integrating Society in Science and Innovation” (SCALINGS), to be filled immediately.

2 PhD positions (TV-L E13, 65%, 3 years, fixed term)
in STS with a concentration in urban energy systems, robotics, or autonomous vehicles.

2 post-doctoral positions (TV-L E13, 100%, 2+1 years, fixed term)
in STS, policy studies, innovation studies, or related fields with a concentration in urban energy systems, robotics, or autonomous vehicles.

The EU H2020 Project SCALINGS (“Scaling Up Co-creation: Avenues and Limits for Integrating Society in Science and Innovation”) explores the avenues and limits for the wider use of co-creation activities across Europe. Co-creation—the practice of bringing together diverse actors in a joint innovation activity to mutual benefit—has emerged as a widely desired key resource in current attempts to enhance innovation. It answers to recent calls for greater responsiveness and responsibility in innovation practice, and broader trends to organize innovation more openly, democratically, and with a view towards concrete local needs and contexts. Funded by the European Commission under the Horizon2020 Program with € 4 million over 3 years (SwafS-13-2107), SCALINGS will investigate and reflexively shape the implementation of co-creation practices in two technology domains (robotics and urban energy systems). SCALINGS follows a comparative, embedded, and experimental research approach that studies three co-creation instruments (innovation procurement, living labs, and co-creation facilities) across 10 partner countries. SCALINGS aims to strengthen opportunities for “best practice” transfer and a socially robust upscaling of co-creation in Europe, while improving our understanding of how co-creation practices relate to the social, cultural, economic, and institutional environments in which they are implemented. Coordinated at Technical University Munich (Prof. Sebastian Pfotenhauer), the interdisciplinary SCALINGS consortium brings together social scientists, engineers, policy-makers, and industry partners from all over Europe.

Requirements:

- Master’s degree or equivalent (for a PhD position) or a doctoral degree (for a postdoc position) in Science and Technology Studies (STS), (Qualitative) Policy Studies, Innovation Studies, Sociology, Political Science or other field, presuming that they can demonstrate an equivalent level of qualification and subject-specific expertise.

- Experience in conducting independent fieldwork using qualitative social science research methods.

- Close familiarity with debates around co-creation and responsible research and innovation (RRI), ideally in an international/European context.
• Familiarity (post-doc) or interest (PhD) one of the following fields: urban energy systems, robotics, or autonomous driving.

• Knowledge of co-productionist and comparative approaches in STS are a strong advantage.

• Excellent command of the English language, ability to write for different audiences (academic, policy, media) as well as a willingness to do international fieldwork.

• Post-docs and PhD students at MCTS are expected to engage actively in the MCTS and SCALINGS communities, supervise Master’s students at TU Munich, teach graduate or undergraduate courses, organize academic events, and support the work of the research group on an administrative level. Post-docs may also co-supervise PhD students.

**Responsibilities**

• Conducting independent case studies in one of the aforementioned domains. These case studies will be selected in coordination with the SCALINGS work package leads.

• Analysis and publication of SCALINGS results, both independently and in teams.

• Close engagement with empirical (case study) partners, including local co-design or experiments in co-creation where appropriate.

• Building and contributing to a vibrant local SCALINGS team at MCTS that spans different research groups (Prof. Pfotenhauer, Prof. Maasen, Prof. Müller, Dr. Meyer).

• Close interaction and coordination with other European SCALINGS partners, e.g. on fieldwork, cross-case analysis, publications.

• Contributions to SCALINGS administration (e.g. reporting, media coverage).

• Post-docs will have the opportunity to continue pursuing their individual research interests and strengthen their research and teaching portfolio.

**Our offer**

We offer you a diverse and challenging research project within an excellent, interdisciplinary, and highly visible international research team. Start of the contract will be at the next possible date with a salary according to the TVL (standards of the public service wage agreement), classification E13. The positions are temporarily limited to three years (PhD) and 2+1 years (post-doc). We offer fulltime or part time positions with regular weekly working hours, located at the city campus of TU Munich.

The Technical University of Munich seeks for increasing the proportion of women, therefore the applications of women are highly encouraged. Qualified persons with a disability will be given preference.
Applications:

Applications should be submitted as a single.pdf document and should include:

- A letter of motivation (max 2 pages), including a statement indicating for what kind of position (PhD or postdoc) and for what area of concentration (urban energy systems, robotics, autonomous vehicles) you are applying.
- Your CV
- Relevant transcripts and certificates (e.g. a copy of your Master’s or doctoral degree)
- At least one writing sample (e.g. a chapter of your Master’s thesis or PhD, a publication or draft)
- The names and contact details of 2 references, including a brief statement explaining your relationship to them.

All application materials should be sent to application@mcts.tum.de, mentioning the title of the position in the subject line. The deadline for application is July 1, 2018. Earlier applications will be considered immediately. General inquiries regarding this position should be addressed to martina.soell@tum.de. Specific questions regarding the research profile and SCALINGS consortium should be addressed to sebastian.pfotenhauer@tum.de.

About MCTS / TU Munich

The Munich Center for Technology in Society (MCTS) offers you an excellent, inspiring, and international research environment at one of Europe’s eminent technical universities where you will find ample opportunity and support to develop your academic profile. As the latest addition to TU Munich’s vibrant academic and entrepreneurial community, MCTS is a trans-disciplinary STS center launched in 2015 as part of Excellence Initiative by the German Federal Government. MCTS’ mission is premised on the insight that today’s grand challenges are thoroughly sociotechnical in nature and that excellence in science and engineering requires coequal excellence in addressing associated questions in the social, political, legal, historical, and ethical domain. The MCTS community includes STS researchers from the social sciences, humanities, the natural sciences, engineering, and architecture, and is committed to multi-faceted forms of dialogue across both expert communities and various publics.