The Hector Research Institute of Education Sciences and Psychology is currently inviting applications for the following positions:

Junior Research Group Leader (100%, E 14 TV-L[1]) or
Postdoctoral Research Fellow (100%, E 13 TV-L[1]) on

Data Science in Psychology or Education Science

for 3 years (+ possible 2-year extension) (m/f/d)

We are seeking a bright and motivated postdoctoral research fellow or junior research group leader (depending on experience) who has strong background on data science and machine learning in the field of psychology and/or education science. We are seeking autonomous and independent researchers who actively work and collaborate with the PI (Prof. Kou Murayama) and other colleagues in the institute to conduct cutting edge research on education science and psychology.

The position comes with a fixed-term contract for 3 years with the possibility for 2-year extension (contingent on the funding availability). The expected start date is April-May 2023 but we are highly flexible and committed to accommodating candidates' individual circumstances. There is the possibility to participate in the institute's own postdoctoral academy PACE (Tübingen Postdoctoral Academy for Research on Education) which offers further training, coaching, and mentoring at postdoctoral level.

The position is part of the Alexander von Humboldt Professorship of Educational Psychology held by Professor Kou Murayama at the Hector Research Institute. A Humboldt Professorship is the most highly endowed research prize in Germany and enables world class scientists to carry out long-term and ground-breaking research at universities and research institutions in Germany (https://www.humboldt-professur.de/en). The Hector Research Institute is a nationally and internationally leading research center in education sciences and psychology. Our interdisciplinary team works in a well-equipped building close to the historic old town of Tübingen, Germany (www.hib.uni-tuebingen.de). The institute aims to create a research hub focusing on data science and machine learning in education science, and we are looking for candidates who can potentially take the leadership of this initiative.

The successful candidate is expected to work on various projects, with some guidance from Prof. Kou Murayama, the director of Motivation Science lab (https://motivationsciencelab.com/). At the outset of the position, the actual content of the projects will be discussed based on the expertise and interest of the successful candidate. The successful candidate is also expected to actively seek collaboration with other researchers in the institute or the university. Teaching is not mandatory but we strongly encourage postdocs to gain teaching experiences (e.g., one course per semester) as part of our training program for postdocs.

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[1] According to the general pay scale of German universities, the salary will be "E 13 TV-L" or "E 14 TV-L". Depending on your experience this corresponds to a monthly salary of around EUR 4.748 or EUR 5.167 (fulltime position, experience level 3, gross pay, before tax). After taxes as a single (i.e. not married or living with a life partner; no children), this monthly salary is at least EUR 2.808 or EUR 3.022 (net salary after taxes and health insurance payments). Information regarding cost of living in Tübingen: https://tuebingenresearchcampus.com/tuebingen/

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The successful candidate holds an excellent PhD in Data Science, Psychology or a related field (or will have obtained one by the start date of the position) and has visible track record (e.g., publication and third-party funding experience) in the field. Expertise in machine learning and research experiences in education/psychology research is desirable. A visible commitment to research transparency is a good bonus. Most importantly, the successful candidate should specifically demonstrate (1) solid methodological skill set that allow them to conduct research with independence and (2) substantive experience with interdisciplinary research project(s), and (3) a strong motivation and open-mindedness with respect to building interdisciplinary links with education sciences (if s/he has not worked in education sciences before). You will also be given the opportunity to join the LEAD Graduate School & Research Network (www.lead.uni-tuebingen.de) to develop cross-faculty collaborative network of researchers working on research on education. While beneficial, proficiency in German is not necessary for these positions.

For further inquiries about the position, please reach out to Professor Kou Murayama (k.murayama@uni-tuebingen.de).

Applications should include a cover letter detailing your experience and skills on data science (especially machine learning methods) in the fields of education science or psychology (or related fields). They should also include a CV, contact of two references who can be contacted before interview, degree and other certificates with transcripts. All documents should be sent via email **in one single pdf-file** with the **subject "Data Science"** to jobs@hib.uni-tuebingen.de. Please also indicate how you became aware of this position (this is only for internal purpose --- irrelevant for the selection process). **Initial deadline is January 16, 2023** but we continue to seek candidates until all of the positions are filled by highly qualified candidates. Disabled candidates will be given preference over other equally qualified applicants. The University seeks to raise the number of women in research and teaching and therefore urges qualified women to apply for these positions. Employment will be officially organized by the central university administration.

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