JOB SUMMARY

CUBE, the Research Unit of the Católica Lisbon School of Business & Economics at the Catholic University of Portugal, is awarding one Post Doctoral Research Contract in Management Information Systems, for the DIGICREATE project "PTDC/EGE-OGE/27968/2017" funded by the Portuguese Foundation for Science and Technology.

The project focuses on two broad research axes contributing to our knowledge of both the impact of digitization on the creative industries and the industry's responses to such changes. In one research stream we partner with a large telecommunication provider that gives us access to anonymized household level data on media and telecommunications usage. We will study how the introduction of modern video streaming and content recommendation technologies changes the way households watch and consume media and explore emergent consumer and household purchasing behavior as well as firms' content distribution strategies. In a second research stream we will use proprietary observational data combined with policy shocks to the EU market to investigate the merits of several private and public policy efforts to convert pirates into payers of legal content. We study whether and how channel competition, website blocking, and cutting funding sources of illegal content distributors can curb digital piracy. The insights from these two research streams will be combined to inform firms and policy makers on how to better manage in the digital age.

We seek a Post-Doctoral Research Fellow to work at the Católica Lisbon School of Business & Economics. The research fellow will work in collaboration with faculty in Information Management developing research projects on the topics of digitization, media management and big data analytics in the context of the DIGICREAT project. This research position will consist of 12 months of full time work starting in January 2019, renewable annually to a maximum of 30 months.

The research fellow will contribute to research work with a focus on the rigorous econometric analysis of large-scale media and telecommunications datasets and will work under the supervision of Miguel Godinho de Matos and Christian Peukert, Assistant Professors at Católica Lisbon School of Business and Economics.

The position is ideal for an individual pursuing an academic career and wishing to gain further research experience and develop their academic publication record.

PREFERENTIAL REQUIREMENTS

- PhD degree in Computer Science, Statistics, Economics or other quantitative fields

- Prior research experience working with large scale datasets for predictive analytics or econometric modeling

- Strong quantitative and data analytics skills

- Prior experience working with either Python or R and SQL is required

- Responsibility to work independently

- Excellent English writing and comprehension

- Interest in the topics of media and telecommunication management and digitization

WORK PLAN

The successful candidate will work on a research program that is designed to advance our understanding of the ways new media and technologies shape users' media consumption behaviors and choices and how these behaviors, in turn, impact consumers' welfare, the media and

telecommunications industries, and public policy. This work should advance the scientific knowledge in the field of information management and provide practical advice to managers, organizations, and policy makers.

The research fellow will work with Prof. Miguel Godinho de Matos and Prof. Christian Peukert on data collection, cleaning and pre-processing, and analysis; reviewing the relevant literature; and writing and preparing academic papers for submission at peer-reviewed international conferences and academic journals.

TIMETABLE

The contract will be awarded for a period of 12 months, starting January 2019 (earlier starts are negotiable), and can be renewed conditionally based on the performance of the individual up to a maximum of 30 months. The position will be governed by the rules of both FCT and CATÓLICA-LISBON. During this period the fellow is expected to work full time on this project.

APPLICATION DEADLINE

APPLICATIONS ARE ACCEPTED UNTIL THE POSITION IS FILLED. Please send your vita, job market paper and references directly to miguel.godinhomatos@ucp.pt