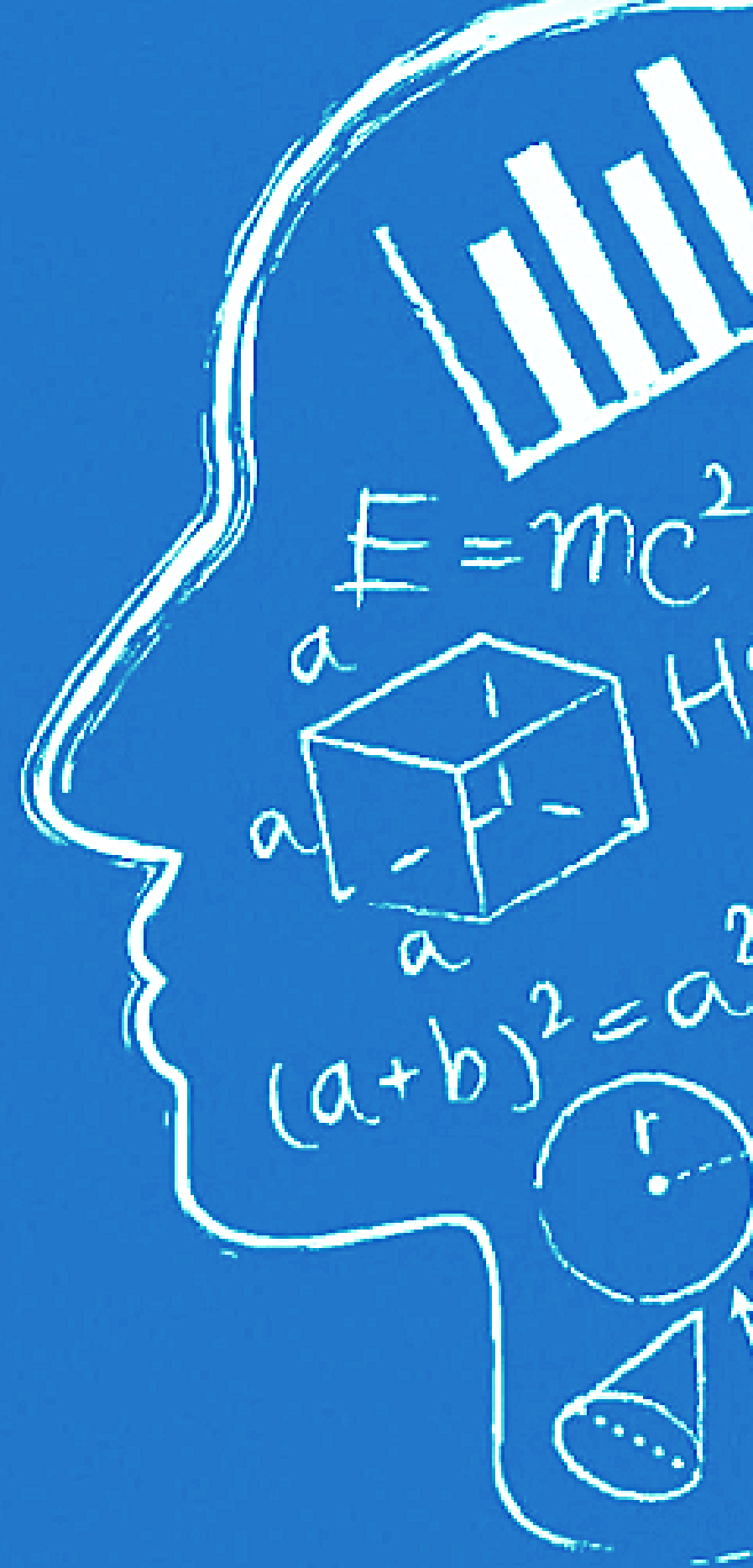


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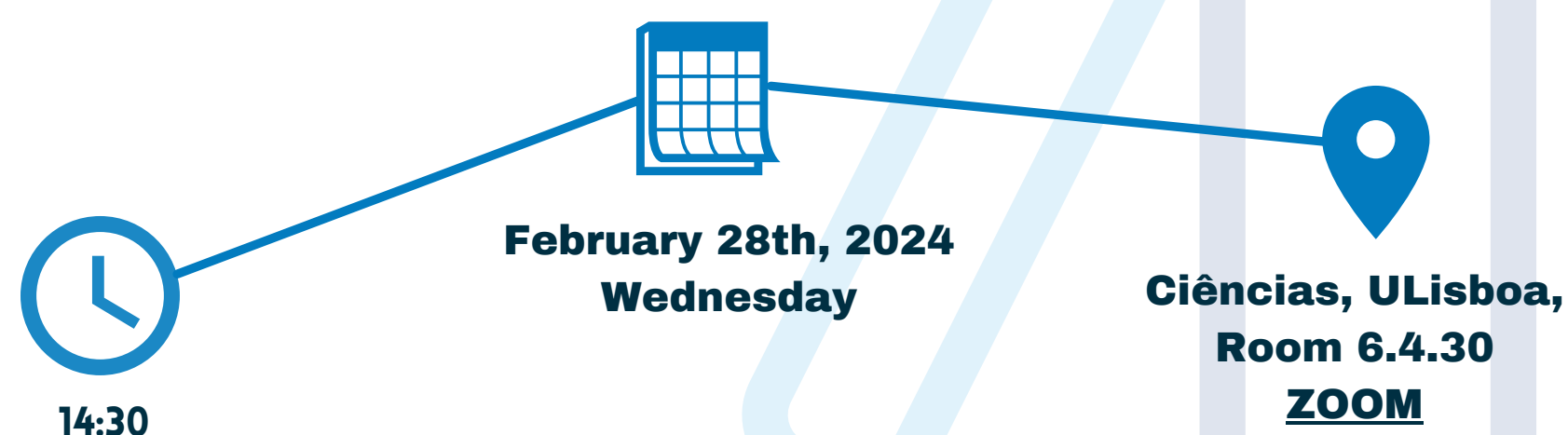
CEAUL & CEMAT



NEW APPROACHES TO STUDY OVER-COVERAGE IN POPULATION REGISTERS

ABSTRACT:

Accurate values for population estimates are always a challenge and can be further burdened in scenarios with high migrant mobility. In these cases, bias emanating from over-coverage, i.e., resident individuals whose death or emigration is not registered, may result in significant ramifications for policy making and research. In this talk, we will consider different approaches to obtain over-coverage estimates, using Swedish Population registers for the period 2003-2016. We will discuss difficulties regarding the high dimensionality of the data and we will show current developments and ideas for the future.



SPEAKER

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Bruno Santos obtained his Ph.D. in Statistics from the University of São Paulo, with a one-year period at Duke University. He collaborates with research members of the Centre of Statistics and its Applications (CEAUL), where he carries out research within the field of Regression Analysis and Bayesian Statistics. Currently, he is a Guest Researcher at Stockholm University, and before he held positions as a Lecturer in Statistics at the University of Kent, as an Assistant Professor at the Federal University of Bahia and the Federal University of Espírito Santo, and he was a Postdoctoral researcher at Georg-August-Universität Göttingen.