You are cordially invited to attend the Science Tuesday on **25 January, 2022 at 13:00** when Dr. **Sonja Radas** will present the paper

What do they really think: Uncovering latent preferences through meta-predictions

The paper is joint work with Ivan Spajić Buturac. Please join the ZOOM presentation using the link below:

https://zoom.us/j/92939236585

Abstract:

Self-reporting is often used as a source of information in all walks of life, but respondents may not provide accurate self-reports. This is especially true in the context involving private and sensitive topics, such as health issues, unethical behavior, political affiliation, etc. Using game theory language, to self-report means to disclose whether a private signal has been received. In this paper, we develop a simple theoretical model which describes how individuals use their personal signals, together with their initial beliefs and the information from their social circles, to form Bayesian predictions on the proportion of their peers who would declare their signal (i.e., meta-predictions). We show that, regardless of whether an individual chooses to declare the signal or not, there is an "imprint of the signal" which can be deduced from their meta-prediction. We conduct online experiments to demonstrate model validity.

About the speaker:

Sonja Radas is a Senior Research Fellow at the Institute of Economics, Zagreb. She is also a Research Affiliate at Massachusetts Institute of Technology and a member of their Neuroeconomics Lab. She holds a PhD in Mathematics and a PhD in Business, both from the University of Florida, Gainesville, USA. Previously she was faculty member of Washington University in St. Louis. She held a number of visiting positions, most recently a Visiting Researcher and Marie Curie Fellow at the MIT Sloan School of Management. Her research interests are diverse, but mostly they address issues in economics of innovation, through both empirical and theoretical studies. Recently her focus is on using "wisdom of crowds" approach to improve the use of subjective data in innovation development.

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