



# Conferencia | Facultad de Psicología UGR

## Measuring intuition inhibition without maths

¿Sabes responder a esa pregunta?: Si cinco máquinas tardan cinco minutos en hacer cinco aparatos, ¿cuánto tiempo tardarían cien máquinas en hacer cien aparatos? \_\_\_\_\_

No, no son cien minutos ;)

**Si quieres saber qué mide este test, vente a la conferencia del Dr. Miroslav Sirota (Essex University, Reino Unido)**

Fecha: 3 de mayo (miércoles), 2017.

Hora: 10.00h

Lugar: Aula Magna de la Facultad de Psicología



The Cognitive Reflection Test (CRT) measures intuition inhibition – the cognitive ability to resist compelling but incorrect intuitions – in three simple mathematical problems. It rapidly became popular for its impressive power to predict how well people reason and make decisions. Despite the popularity of the CRT, four issues complicate its interpretation and threaten its continued use. First, the numerical nature of the CRT confounds reflection ability with mathematical ability. Second, the statistical and psychometric properties of the CRT are imperfect. Third, an increasing proportion of participants are already familiar with the CRT. Four, and most importantly, the test entangles the ability to suppress initial intuition (i.e., error detection) with the ability to correct the wrong initial answer (i.e., error correction). In this talk I will introduce a new measure – CRT-Verbal – that we developed to overcome these issues by using verbal problems with low familiarity, which has excellent psychometric properties, and low cognitive cost of error correction. I will discuss the implications of these findings for research in thinking and reasoning, decision-making and moral cognition.