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[abstract only]**

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**Published version**

SORANZO, Alessandro and PESIMENA, Gabriele (2023). A model of the  
interference caused by the presence others [abstract only]. Perception.

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## **A model of the interference caused by the presence others.**

Alessandro Soranzo & Gabriele Pesimena

We cannot help but be conditioned by the presence of others. Even when they are not actively engaging with us, the mere view of others interferes with our focus and ability to complete tasks.

This interference has been previously attributed to either a sub-mentalizing or to a mentalizing process. We present here a new model that grew out from the combination of these two interpretations. The model comprises two involuntary processes: an automatic process sensitive to the directional features of others and a spontaneous process of attribution of intentionality sensitive to the social relevance of others. In addition, the model includes a voluntary decisional process which modulates the interference and is affected by Working Memory.

This presentation focusses on the involuntary processes and shows how inconsistencies in literature can be accounted for by this model.

### **Acknowledgment:**

This project has been supported by the Experimental Psychological Society UK. Grant awarded to the first author.