The digital media in the Portuguese education: representations and practices

Luciano Moreira*

Advisors: João C. Paiva** and Carla Morais**

Society faces a set of digital impact on migrations and metamorphoses (Gere, 2008)



- Systems of the human development (e.g., family and school)

Social Representations (SR) are a unique lens to study DM (Sarrica, 2010)



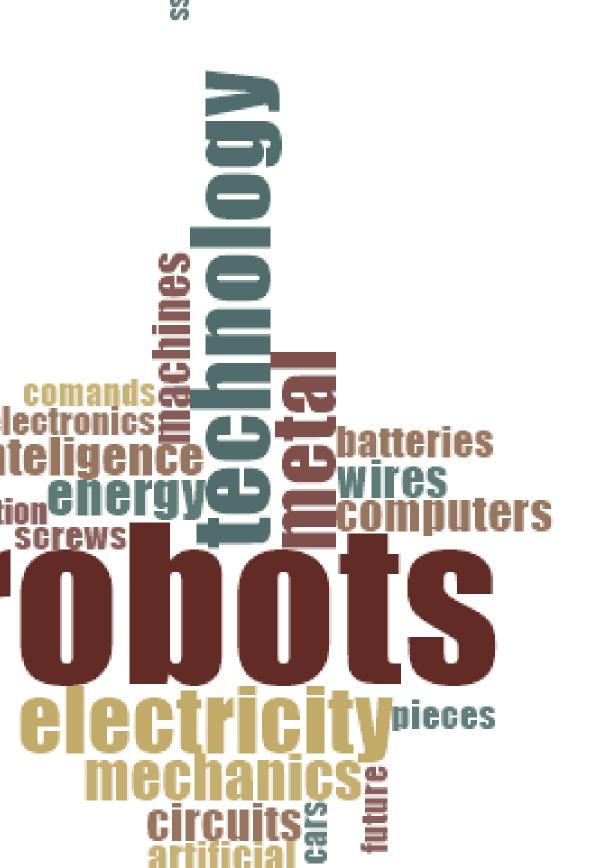
- Digital Media (DM) are often controversial
- Social and scholar discourses & expectations are often mismatched
- Digital divide persists

What are social representations?

"[SR are] organizing principles of the symbolic bounds among social actors (...) they are at the same time a field of symbolic exchange and a representation of that field" (Doise, 2003, p. 248, our translation from the French original)

To understand how the social representations of different digital media affect and reflect the perspectives, practices & identities of teachers, students and parents

- National survey to inquiry teachers, students and parents
- Probability stratified sampling
- Mixed methods approach (questionnaires, interviews and field observations)



To provide scholars, practitioners and politicians with a map on:

- how DM are being used across contexts (school and home)
- how digital media affect people's identity and daily life

To inform

Education politics, classrooms practices and community projects to bridge the digital divide

Doise, W. (2003). Attitudes et représentations sociales. In D. Jodelet (Ed.), Les Représentations Sociales. (pp. 240-258). Paris: PUF. Gere, C. (2008). Digital culture. London: Reaktion Books. ciências

Paiva, J. C., Morais, C., & Moreira, L. (2015). Multimédia no ensino das ciências: cinco anos de investigação e ensino em Portugal. Lisboa: Fundação Francisco Manuel dos Santos.

Moreira, L., Vieira, H., Morais, C. Sousa, A., Costa, H., & Paiva, J.C. (in press). The social representations of (green) chemistry and robotics among teenagers: an exploratory study. EDULEARN 2016. Barcelona: IATED.

Sarrica, M. (2010). ICTs meanings and practices: Contributions from the social representation approach. The Journal of Community Informatics, 6(3).

- Faculdade de Engenharia da Universidade do Porto. CIQUP. The author is supported by FCT grant: PD/BD/114152/2015.
- ** Faculdade de Ciências da Universidade do Porto. CIQUP. Unidade de Ensino das Ciências.





MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR