

Lamia Elloumi  
Lecturer/researcher  
Lectoraat Digital Life

## Employment

**Lecturer/researcher**  
Lectoraat Digital Life  
Hogeschool van Amsterdam  
17 Aug 2020 → present

## Research outputs

### **Design specifications for a social robot math tutor**

Ligthart, M. E. U., de Droog, S. M., Bossema, M., Elloumi, L., Hoogland, K., Smakman, M. H. J., Hindriks, K. V. & Ben Allouch, S., 13 Mar 2023, *HRI '23: Proceedings of the 2023 ACM/IEEE International Conference on Human-Robot Interaction*. Castellano, G., Riek, L., Cakmak, M. & Leite, J. (eds.). New York: Association for Computing Machinery, p. 321-330 (ACM/IEEE International Conference on Human-Robot Interaction).

### **Exploring requirements and opportunities for social robots in primary mathematics education**

Elloumi, L., Bossema, M., de Droog, S. M., Smakman, M. H. J., van Ginkel, S., Ligthart, M. E. U., Hoogland, K., Hindriks, K. V. & Ben Allouch, S., 2022, *2022 31st IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Institute of Electrical and Electronics Engineers (IEEE), Inc, p. 316-322

### **Exploring requirements and opportunities for social robots in primary mathematics education**

Elloumi, L., Bossema, M., De Droog, S. M., Smakman, M. H. J., Ginkel, S. V., Ligthart, M. E. U., Hoogland, K., Hindriks, K. V. & Allouch, S. B., 2022, *RO-MAN 2022 - 31st IEEE International Conference on Robot and Human Interactive Communication: Social, Asocial, and Antisocial Robots*. Institute of Electrical and Electronics Engineers Inc., p. 316-322 7 p. (RO-MAN 2022 - 31st IEEE International Conference on Robot and Human Interactive Communication: Social, Asocial, and Antisocial Robots).

### **ICT-mediated Community Coaching to Improve Physical Activity.**

Elloumi, L., Meijerink, M., van Beijnum, B-J. & Hermens, H., 2016, *HEALTHINF*. p. 132-142 11 p.

### **Physical Activity Support Community TogetherActive**

Elloumi, L., van Beijnum, B-J. & Hermens, H., 2015, *Proceedings of the International Joint Conference on Biomedical Engineering Systems and Technologies-Volume 5*. Proceedings of the International Conference on Health Informatics , p. 200-211 12 p.

### **Towards Delivering Disease Support Processes for Patient Empowerment Using Mobile Virtual Communities**

Beijnum, B-J. V., Pawar, P., Elloumi, L. & Hermens, H., Jan 2012, *International Conference on Electronic Healthcare*. p. 158-161 4 p.

### **Towards physical activity support community**

Elloumi, L., van Beijnum, B-J. & Hermens, H., 2012, *2012 6th International Symposium on Medical Information and Communication Technology (ISMICT)*. United States: IEEE Press, p. 1-4 4 p.