

Engaging Women into STEM: Building the Future of Latin America

Alicia García-Holgado

research GRoup in InterAction and eLearning (GRIAL)

Computer Science Department

Research Institute for Educational Sciences (IUCE)

University of Salamanca, Spain

aliciagh@usal.es

Resumen

Presentación del proyecto europeo W-STEM [1-10] (European Union. ERASMUS + Capacity-building in Higher Education Call for proposals EAC/A05/2017 - Ref. 598923-EPP-1-2018-1-ES-EPPKA2-CBHE-JP) en el evento “Introducción a la robótica con Arduino” organizado por la Pontificia Universidad Católica de Valparaíso (Chile) el 29 de septiembre de 2020.

Palabras clave

CBHE, EU, género, STEM, W-STEM

Link to the presentation

<https://zenodo.org/record/4244887>

DOI

10.5281/zenodo.4244887

References

- [1] A. García-Holgado, A. Camacho Díaz and F. J. García-Peñalvo, "La brecha de género en el sector STEM en América Latina: Una propuesta europea," in *Actas del V Congreso Internacional sobre Aprendizaje, Innovación y Competitividad. CINAIC 2019 (9-11 de Octubre de 2019, Madrid, España)*, M. L. Sein-Echaluce Laclea, Á. Fidalgo-Blanco and F. J. García-Peñalvo, Eds. pp. 704-709, Zaragoza, Spain: Servicio de Publicaciones Universidad de Zaragoza, 2019. doi: 10.26754/CINAIC.2019.0143.
- [2] A. Camacho Díaz and F. J. García-Peñalvo, "W-STEM Project overview at the International Leadership Summit," presented in W-STEM International Leadership Summit, Cartagena de Indias, Colombia, November 25th, 2019. Available from: <https://bit.ly/2XIN5pL>. doi: 10.5281/zenodo.3552377.
- [3] A. García-Holgado, A. Camacho Díaz and F. J. García-Peñalvo, "Engaging women into STEM in Latin America: W-STEM project," in *TEEM'19 Proceedings of the Seventh International Conference on Technological Ecosystems for Enhancing Multiculturality (Leon, Spain, October 16th-18th, 2019)*, M. Á. Conde-González, F. J. Rodríguez-Sedano, C. Fernández-Llamas and F. J. García-Peñalvo, Eds. ICPS: ACM International Conference Proceedings Series, pp. 232-239, New York, NY, USA: ACM, 2019. doi: 10.1145/3362789.3362902.

- [4] F. J. García-Peñalvo, "Women and STEM disciplines in Latin America: The W-STEM European Project," *Journal of Information Technology Research*, vol. 12, no. 4, pp. v-viii, 2019.
- [5] F. J. García-Peñalvo, "W-STEM Project Overview," presented in W-STEM Erasmus+ project Kick-Off, Salamanca, Spain, March 25-27, 2019, 2019. Available from: <https://goo.gl/19vjtx>. doi: 10.5281/zenodo.2605431.
- [6] F. J. García-Peñalvo, "Innovative Teaching Approaches to attract, engage, and maintain women in STEM: W-STEM project," presented in Coimbra Group Seminar. Innovation in Learning and Teaching in Science, Technology, Engineering and Mathematics (STEM) fields, Granada, Spain, 14 November 2019, 2019. Available from: <https://bit.ly/2NWGFyA>. doi: 10.5281/zenodo.3538939.
- [7] A. García-Holgado, S. Verdugo-Castro, M. C. Sánchez-Gómez and F. J. García-Peñalvo, "Facilitating Access to the Role Models of Women in STEM: W-STEM Mobile App," in *Learning and Collaboration Technologies. Design, Experiences. 7th International Conference, LCT 2020, Held as Part of the 22nd HCI International Conference, HCII 2020, Copenhagen, Denmark, July 19–24, 2020, Proceedings, Part I*, P. Zaphiris and A. Ioannou, Eds. Lecture Notes in Computer Science, no. 12205, pp. 466-476, Cham, Switzerland: Springer Nature, 2020. doi: 10.1007/978-3-030-50513-4_35.
- [8] F. J. García-Peñalvo, A. Bello, Á. Domínguez and R. Romero Chacón, "Informe del W-STEM International Leadership Summit World Café. Cartagena de Indias, Colombia, 26 de noviembre de 2019," W-STEM Consortium, Brussels, Belgium, Technical Report, 2020. Available from: <https://bit.ly/2Yp7DEg>. doi: 10.5281/zenodo.3892829.
- [9] F. J. García-Peñalvo, A. Bello, A. Dominguez and R. M. Romero Chacón, "Gender Balance Actions, Policies and Strategies for STEM: Results from a World Café Conversation," *Education in the Knowledge Society*, vol. 20, art. 31, pp. 31-1 – 31-15, 2019. doi: 10.14201/eks2019_20_a31.
- [10] F. J. García-Peñalvo, A. Bello, Á. Domínguez and R. Romero Chacón, "W-STEM International Leadership Summit World Café Report," W-STEM Consortium, Brussels, Belgium, Technical Report, 2019. Available from: <https://bit.ly/2RMAHUy>. doi: 10.5281/zenodo.3575091.