

Research profile

I am curious about the impact of digital transformation in the public sphere. My research interest is on developing a participatory ethical technology assessment to improve the way governments purchase and implement technological solutions

Qualifications

Electronic Engineer, Universidad Pontificia Bolivariana

Jan 1993 → Dec 1998

Award Date: 14 Apr 2000

MSc. Techno-Anthropology

1 Sep 2017 → 20 Jun 2019

Management for Engineers, Specialist, Universidad Pontificia Bolivariana

Jan 2002 → Sep 2003

Research outputs

Designing open innovation problem-based projects: social relevance, student expectations and preliminary observations

Teo, E. A., Børsen, T., Triantafyllou, E., Cardeno, J. I. C. & Karadechev, P., 2021, *Proceedings of SEFI 2021*. SEFI: European Association for Engineering Education

E-learning as means to facilitate successful transition from an engineering bachelor to a technical Master's program with anthropological and ethical content

Cardeno, J. I. C. & Børsen, T., 2021, *Proceedings of SEFI 2021*. SEFI: European Association for Engineering Education

Los retos y riesgos de la transformación digital, una visión Tecno-Antropológica

Cardeno, J. I. C. & Børsen, T. H., 2021, (Accepted/In press) *Transformación digital en las organizaciones*. Editorial Universidad del Rosario, 23 p.

Engaging students and professionals in ethical reflections on new and emerging information and communication technologies

Børsen, T., Karadechev, P. A. & Contreras-Cardeno, J. I., 2020, *Proceeding from the 48th SEFI Annual Conference*. Meijer-Lentelink, J., Veen, J. V. D., Hattum-Janssen, N. V., Järvinen, H-M., Laet, T. D., Dam, I. T. & Boer, J. D. (eds.). Leuven: SEFI: European Association for Engineering Education, p. 628-639 11 p.

The digital customer meeting in the financial sector

Johansen, A. K. B., Børsen, T. H., Monteiro, P. A. B., Kaspersen, D. M., Dahlberg, L. S., Hasager, N. & Cardeno, J. I. C., 2020.

Comparison of Gold Yield with Traditional Amalgamation and Direct Smelting in Artisanal Small-Scale Gold Mining in Uganda

Stoffersen, B., Køster-Rasmussen, R., Cardeno, J. I. C., Appel, P. W. U., Smidth, M., Na-Oy, L. D., Lardizabal, D. L. & Onos, R. W., 5 Dec 2019, In: *Journal of Health and Pollution*. 9, 24, 6 p., 191205.

Oppression or Emancipation? How development aid projects impact Small-Scale Gold Miners in Uganda and Colombia. A Techno-Anthropological Action Research.

Cardeno, J. I. C., Børsen, T. H. & Thorsen, N., 2019, 107 p.

Activities

Action research seminar

Jorge Ivan Contreras Cardeno (Organizer) & Tom Holmgaard Børsen (Organizer)

19 Jun 2020

Meeting in AAU Action Research Network

Tom Holmgaard Børsen (Participant), Nils Thorsen (Organizer) & Jorge Ivan Contreras Cardeno (Participant)

11 Nov 2019

Visit from Colombia, Spain and Mexico

Jorge Ivan Contreras Cardeno (Organizer) & Tom Holmgaard Børsen (Organizer)
7 Nov 2019 → 10 Nov 2019

The Effects of AI and Automated Decision Making

Tom Holmgaard Børsen (Lecturer), Petko Atanasov Karadechev (Lecturer) & Jorge Ivan Contreras Cardeno (Lecturer)
7 Sep 2019

Projects

Development of the Collaborative Online Course Learning on Digital Methods and Mapping Controversies

Cardeno, J. I. C., Colobrans, J., Børsen, T. H., Gauthier, V., Matus, M., Madsen, A. K., Munk, A. K. & Maldonado, O. J.
01/10/2019 → 31/07/2021

Development of the E-Course Introduction to MSc Sustainable Design Engineering"

Cardeno, J. I. C., Valderrama Pineda, A. F. & Brodersen, S.
01/02/2020 → 31/07/2020

Development of the e-course "Techno-ANthropology: An Introduction"

Børsen, T. H. & Cardeno, J. I. C.
14/10/2019 → 31/03/2020

Electronics Engineer with a MSc in Techno-Anthropology