Luis Guillermo Natera Orozco

Department of Network and Data Science   Office: N11, 608
Central European University   Email: nateraluis@gmail.com
Nádor utca 11 1051 Budapest, Hungary   http://nateraluis.com

EDUCATION

Ph.D.   Network Science, Central European University, Budapest, 2020 (expected)
           Dissertation: *Multilayer Urban Networks*
           Advisor: Michael Szell

M.S.   Communication of Science and Culture, ITESO, Tlaquepaque. Mexico, 2015

B.Arch.   Architecture, ITESO, Tlaquepaque. Mexico, 2010

ACADEMIC APPOINTMENTS

2016–17   Executive Coordinator Signa_Lab, Department of Sociocultural Studies
          ITESO, Tlaquepaque. Mexico

RESEARCH AND TEACHING INTERESTS

Network science

Urban planning and mobility

Big data for social good

Data science and data visualization

PUBLICATIONS

Peer-Reviewed Book Chapters

2018   Natera Orozco, L G., Reguillo, R. "Comunicación y cambio social: participación política e internet en Jalisco" *Enciclopedia Jaliscience de la Comunicación.*, edited by Orozco, G., Reguillo, R. Jalisco, Mexico: Universidad de Guadalajara.

2018   Natera Orozco, L G. "Un cambio de la comunicación gubernamental y política. De los medios de comunicación a las redes sociales." *Informe Anual Q Medios 2018*, edited by Bernal, G. Jalisco, Mexico: ITESO.

Reviews and Other Articles

2016   Natera Orozco, L G. (as Signa_Lab) "Battle of the hashtags: Mapping the online conversation surrounding Mexico's gas price" *Global Voices.*

Proceedings, Reports, and Working Papers

2014   Natera Orozco, L G. "Comunicación, ciudad e internet: flujos de información urbana en entornos digitales" VI Seminatio Internacional de Investigación en Urbanismo. Bogota, Colombia.

Posters

2018   Natera Orozco, L G. "Budapest. Multilayer urban network" State of the Map. Milan, Italy.

2017   Natera Orozco, L G., Ábrego, V. "The evolution of twitter during the US elections" Data Stories. Budapest, Hungary.

INVITED TALKS

2018   "Ciencia de redes para la ciudad" Signa_Lab, ITESO. Tlaquepaque, Mexico.

2015   "Código, Datos Abiertos y Ciudad" Encuentro de Urbanismo Alternativo, Centro Cultural de España en México. Mexico City, Mexico.

2015   "Participación ciudadana, calle y nuevas tecnologías" II Simposio de ciudades y territorios incluyentes "Derecho a la Ciudad", Universidad Autónoma de Yucatán. Merida, Mexico.

CONFERENCE ACTIVITY

Conference Presentations

Presenting author *italicized*, if other.

2013   Natera Orozco, L G. "Quiosco Libre, reading network in the public space" Future of Places. Stockholm, Sweden.

FELLOWSHIPS, GRANTS, AND AWARDS

2015   Academic Stay at MIT, Mexican National Council of Science and Technology

2013   Master Studies Grant, Mexican National Council of Science and Technology

TEACHING EXPERIENCE

ITESO

2017   Network Science (Summer 2017) Co-taught with Emma Towlson (Northeastern University), Sean P. Cornelius (Northeastern University), and Ricardo Zavala (ITESO).

2015–17 Communication, Culture and Society (Spring 2016, 2017)

2015–16 Social Systems Theory (Fall 2015, 2016)

RESEARCH EXPERIENCE

2015–17 Researcher, Anillo Primavera. Principal Investigator: Sandra Valdes.

2016 Researcher, Online harassment of journalists and activists in Mexico, Jigsaw (formerly Google Ideas) and Global Voices. Principal Investigator: Ellery Biddle.

2012 Researcher, Public Transportation in Guadalajara. Principal Investigator: Mario Silva.

ACADEMIC VISITS

2015 Center for Civic Media, MIT Media Lab, Boston, USA, Jan - Jun

PROFESSIONAL EXPERIENCE

2015–17 Mesura, Networks and Data Specialist. Guadalajara, Mexico.

2014 Socialinks, Networks Consultant. Guadalajara, Mexico.

2014 Institute for Mobility and Transportation of the State of Jalisco, Mobility Analyst. Zapopan, Mexico.

SKILLS AND METHODS

Statistical and Computational Methods

Network science methods

Programming, data wrangling and visualisation: Python

Web: basic HTML/Javascript

Network visualization: Gephi, Cytoscape

Version control: Git

Other: LaTeX, Adobe CS, CAD

Lenguages

Spanish Native

English Professional proficiency