



PROGRAMA DE PÓS-GRADUAÇÃO EM SOCIOLOGIA E ANTROPOLOGIA

Instituto de Filosofia e Ciências Sociais
Universidade Federal do Rio de Janeiro

DISCIPLINA: DISPOSITIVOS DIGITAIS URBANOS

CÓDIGO DA DISCIPLINA:

CARGA HORÁRIA: 45h

CRÉDITOS: 4

PROFESSOR: BRUNO CARDOSO

PERÍODO LETIVO: 2024/1

DIA E HORÁRIO: QUINTA-FEIRA, 9:00-12:00

Ementa

Questões sócio-antropológicas fundamentais emergem nas cidades a partir de sua reconfiguração pelas tecnologias digitais. Com a expansão da internet móvel, a digitalização de cada vez mais aspectos e atividades da vida cotidiana muda de escala, transformando também o espaço urbano, as suas formas de governo e as relações sociais que nele ocorrem. Nos últimos anos se desenvolveram campos de pesquisa específicos voltados para essas questões, como o urbanismo digital ou urbanismo de plataforma. Este curso irá discutir a cidade digitalizada/plataformizada pensada a partir de tecnologias mundanas, que compõem uma infraestrutura digital de importância crescente, tendo por base o modelo mais bem sucedido de internet móvel, composto por smartphones (hardware) que processam apps (softwares). Nas diferentes unidades do curso serão discutidas essas tecnologias do cotidiano e sua relação com o urbano, a reconfiguração das cidades com as plataformas digitais como infraestrutura, e, por fim, temas específicos desse processo, abordados em pesquisas empíricas.

Programa

Aula 1: Apresentação do curso

I - Tecnologias do cotidiano

Aula 2: Tecnologia e o mundano

LATOUR, Bruno. Where are the missing masses? The sociology of a few mundane artifacts. Shaping technology/building society: Studies in sociotechnical change, v. 1, p. 225–258, 1992.

MICHAEL, Mike. Between the Mundane and the Exotic: Time for a Different Sociotechnical Stuff. *Time & Society*, v. 12, n. 1, p. 127–143, 2003.

<http://journals.sagepub.com/doi/10.1177/0961463X03012001372>

Aula 3: Smartphones

HORST, Heather. The anthropology of mobile phones. GEISMAR, Haidy; KNOX, Hannah (Orgs.). *Digital anthropology*. Second edition. Abingdon, Oxon; New York, NY: Routledge, 2021.

GUMA, Prince K.; MWAURA, Mwangi. Infrastructural configurations of mobile telephony in urban Africa: vignettes from Buru Buru, Nairobi. *Journal of Eastern African Studies*, v. 15, n. 4, p. 527–545, 2021. <https://www.tandfonline.com/doi/full/10.1080/17531055.2021.1989138>

Aula 4: Apps

LUPTON, Deborah. The sociology of mobile apps. In: *The Oxford Handbook of Digital Media Sociology*. Oxford University Press, 2020, p. 197–218.

CRUZ, Edgar Gómez; HARINDRANATH, Ramaswami. WhatsApp as “technology of life”: Reframing research agendas. *First Monday*, 2020.

<https://firstmonday.org/ojs/index.php/fm/article/view/10405>

PLANTIN, Jean-Christophe; DE SETA, Gabriele. WeChat as infrastructure: the techno-nationalist shaping of Chinese digital platforms. *Chinese Journal of Communication*, v. 12, n. 3, p. 257–273, 2019. <https://www.tandfonline.com/doi/full/10.1080/17544750.2019.1572633>

Aula 5: Maioria

ARORA, Payal. *The next billion users: digital life beyond the West*. Cambridge, Massachusetts: Harvard University Press, 2019 - capítulos 1 e 2 (pp. 6-49).

GILLESPIE, Marie; OSSEIRAN, Souad; CHEESMAN, Margie. Syrian Refugees and the Digital Passage to Europe: Smartphone Infrastructures and Affordances. *Social Media + Society*, v. 4, n. 1, p. 205630511876444, 2018. <http://journals.sagepub.com/doi/10.1177/2056305118764440>

II – Cidades Digitais

Aula 6: Urbanismo de plataforma

BARNS, Sarah. *Platform Urbanism: Negotiating Platform Ecosystems in Connected Cities*. Singapore: Springer Singapore, 2020. capítulos 3 e 5

Aula 7: Smart Cities

MOROZOV, Evgeny; BRIA, Francesca. *A cidade inteligente: tecnologias urbanas e democracia*. São Paulo: Ubu Editora, 2020.

Aula 8: Vida na Cidade

GUMA, Prince K; MWAURA, Mwangi; NJAGI, Eunice Wanjiku; et al. Urban way of life as survival: navigating everyday life in a pluriversal global south. *City*, p. 1–19, 2023. <https://www.tandfonline.com/doi/full/10.1080/13604813.2023.2214961>

LANE, Jeffrey. The Digital Street: An Ethnographic Study of Networked Street Life in Harlem. *American Behavioral Scientist*, v. 60, n. 1, p. 43–58, 2016.

<http://journals.sagepub.com/doi/10.1177/0002764215601711>

Aula 9: Infraestruturas

MARRONE, Marco; PETERLONGO, Gianmarco. Where platforms meet infrastructures: digital platforms, urban resistance and the ambivalence of the city in the Italian case of Bologna. *Work Organisation, Labour & Globalisation*, v. 14, n. 1, 2020. <https://scienceopen.com/hosted-document?doi=10.13169/workorgalaboglob.14.1.0119>

PLANTIN, Jean-Christophe. Google Maps as Cartographic Infrastructure: From Participatory Mapmaking to Database Maintenance. *International Journal of Communication*, v. 12, p. 489–506, 2018.

III – Temas

Aula 10: Habitação

SHAW, Joe. Platform Real Estate: theory and practice of new urban real estate markets. *Urban Geography*, v. 41, n. 8, p. 1037–1064, 2020. <https://www.tandfonline.com/doi/full/10.1080/02723638.2018.1524653>

FERRERI, Mara; SANYAL, Romola. Digital informalisation: rental housing, platforms, and the management of risk. *Housing Studies*, v. 37, n. 6, p. 1035–1053, 2022. <https://www.tandfonline.com/doi/full/10.1080/02673037.2021.2009779>

Aula 11: (I)mobilidade

CARRARO, Valentina. Grounding the digital: a comparison of Waze ‘avoid dangerous areas’ feature in Jerusalem, Rio de Janeiro and the US. *GeoJournal*, v. 86, n. 3, p. 1121–1139, 2021. <https://link.springer.com/10.1007/s10708-019-10117-y>

MARVIN, Simon; MCFARLANE, Colin; GUMA, Prince; et al. Post-pandemic cities: An urban lexicon of accelerations/decelerations. *Transactions of the Institute of British Geographers*, v. 48, n. 3, p. 452–473, 2023. <https://rgs-ibg.onlinelibrary.wiley.com/doi/10.1111/tran.12607>

Aula 12: Trabalho

POLLIO, Andrea. Forefronts of the Sharing Economy: Uber in Cape Town. *International Journal of Urban and Regional Research*, v. 43, n. 4, p. 760–775, 2019. <https://onlinelibrary.wiley.com/doi/10.1111/1468-2427.12788>

FREY, Bronwyn. Platform Labor and In/Formality: Organization among Motorcycle Taxi Drivers in Bandung, Indonesia. *Anthropology of Work Review*, v. 41, n. 1, p. 36–49, 2020. <https://onlinelibrary.wiley.com/doi/10.1111/awr.12187>

Aula 13: Crimes

FRIIS SØGAARD, Thomas; KOLIND, Torsten; BIRK HALLER, Mie; et al. Ring and bring drug services: Delivery dealing and the social life of a drug phone. *International Journal of Drug Policy*, v. 69, p. 8–15, 2019. <https://linkinghub.elsevier.com/retrieve/pii/S0955395919300520>

MOYLE, Leah; CHILDS, Andrew; COOMBER, Ross; et al. #Drugsforsale: An exploration of the use of social media and encrypted messaging apps to supply and access drugs. *International Journal of Drug Policy*, v. 63, p. 101–110, 2019. <https://linkinghub.elsevier.com/retrieve/pii/S0955395918302111>

ROKS, Robert A; LEUKFELDT, E Rutger; DENSLEY, James A. The Hybridization of Street Offending in the Netherlands. *The British Journal of Criminology*, v. 61, n. 4, p. 926–945, 2021. <https://academic.oup.com/bjc/article/61/4/926/6054630>

Aula 14: Encontros

DUGUAY, Stefanie. Dressing up Cinderella: interrogating authenticity claims on the mobile dating app Tinder. *Information, Communication & Society*, v. 20, n. 3, p. 351–367, 2017. <https://doi.org/10.1080/1369118X.2016.1168471>

KOCH, Regan; MILES, Sam. Inviting the stranger in: Intimacy, digital technology and new geographies of encounter. *Progress in Human Geography*, v. 45, n. 6, p. 1379–1401, 2021. <http://journals.sagepub.com/doi/10.1177/0309132520961881>

Aula 15: Discussão dos Trabalhos finais e balanço do curso

Avaliação

Trabalho final individual e apresentação de seminários

Bibliografia obrigatória

ARORA, Payal. *The next billion users: digital life beyond the West*. Cambridge, Massachusetts: Harvard University Press, 2019

BARNS, Sarah. *Platform Urbanism: Negotiating Platform Ecosystems in Connected Cities*. Singapore: Springer Singapore, 2020.

CARRARO, Valentina. Grounding the digital: a comparison of Waze ‘avoid dangerous areas’ feature in Jerusalem, Rio de Janeiro and the US. *GeoJournal*, v. 86, n. 3, p. 1121–1139, 2021. <https://link.springer.com/10.1007/s10708-019-10117-y>

CRUZ, Edgar Gómez; HARINDRANATH, Ramaswami. WhatsApp as “technology of life”: Reframing research agendas. *First Monday*, 2020. <https://firstmonday.org/ojs/index.php/fm/article/view/10405>

DUGUAY, Stefanie. Dressing up Cinderella: interrogating authenticity claims on the mobile dating app Tinder. *Information, Communication & Society*, v. 20, n. 3, p. 351–367, 2017. <https://doi.org/10.1080/1369118X.2016.1168471>

FERRERI, Mara; SANYAL, Romola. Digital informalisation: rental housing, platforms, and the management of risk. *Housing Studies*, v. 37, n. 6, p. 1035–1053, 2022. <https://www.tandfonline.com/doi/full/10.1080/02673037.2021.2009779>

FREY, Bronwyn. Platform Labor and In/Formality: Organization among Motorcycle Taxi Drivers in Bandung, Indonesia. *Anthropology of Work Review*, v. 41, n. 1, p. 36–49, 2020. <https://onlinelibrary.wiley.com/doi/10.1111/awr.12187>

FRIIS SØGAARD, Thomas; KOLIND, Torsten; BIRK HALLER, Mie; et al. Ring and bring drug services: Delivery dealing and the social life of a drug phone. *International Journal of Drug Policy*, v. 69, p. 8–15, 2019. <https://linkinghub.elsevier.com/retrieve/pii/S0955395919300520>

GILLESPIE, Marie; OSSEIRAN, Souad; CHEESMAN, Margie. Syrian Refugees and the Digital Passage to Europe: Smartphone Infrastructures and Affordances. *Social Media + Society*, v. 4, n. 1, p. 205630511876444, 2018. <http://journals.sagepub.com/doi/10.1177/2056305118764440>

GUMA, Prince K.; MWAURA, Mwangi. Infrastructural configurations of mobile telephony in urban Africa: vignettes from Buru Buru, Nairobi. *Journal of Eastern African Studies*, v. 15, n. 4, p. 527–545, 2021. <https://www.tandfonline.com/doi/full/10.1080/17531055.2021.1989138>

GUMA, Prince K; MWAURA, Mwangi; NJAGI, Eunice Wanjiku; et al. Urban way of life as survival: navigating everyday life in a pluriversal global south. *City*, p. 1–19, 2023. <<https://www.tandfonline.com/doi/full/10.1080/13604813.2023.2214961>

HORST, Heather. The anthropology of mobile phones. GEISMAR, Haidy; KNOX, Hannah (Orgs.). *Digital anthropology*. Second edition. Abingdon, Oxon ; New York, NY: Routledge, 2021.

KOCH, Regan; MILES, Sam. Inviting the stranger in: Intimacy, digital technology and new geographies of encounter. *Progress in Human Geography*, v. 45, n. 6, p. 1379–1401, 2021. <http://journals.sagepub.com/doi/10.1177/0309132520961881>

LANE, Jeffrey. The Digital Street: An Ethnographic Study of Networked Street Life in Harlem. *American Behavioral Scientist*, v. 60, n. 1, p. 43–58, 2016. <http://journals.sagepub.com/doi/10.1177/0002764215601711>

LATOUR, Bruno. Where are the missing masses? The sociology of a few mundane artifacts. *Shaping technology/building society: Studies in sociotechnical change*, v. 1, p. 225–258, 1992.

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MARRONE, Marco; PETERLONGO, Gianmarco. Where platforms meet infrastructures: digital platforms, urban resistance and the ambivalence of the city in the Italian case of Bologna. *Work Organisation, Labour & Globalisation*, v. 14, n. 1, 2020. <https://scienceopen.com/hosted-document?doi=10.13169/workorgalaboglob.14.1.0119>

MARVIN, Simon; MCFARLANE, Colin; GUMA, Prince; et al. Post-pandemic cities: An urban lexicon of accelerations/decelerations. *Transactions of the Institute of British Geographers*, v. 48, n. 3, p. 452–473, 2023. <https://rgs-ibg.onlinelibrary.wiley.com/doi/10.1111/tran.12607>

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MOROZOV, Evgeny; BRIA, Francesca. *A cidade inteligente: tecnologias urbanas e democracia*. São Paulo: Ubu Editora, 2020.

MOYLE, Leah; CHILDS, Andrew; COOMBER, Ross; et al. #Drugsforsale: An exploration of the use of social media and encrypted messaging apps to supply and access drugs. *International Journal of Drug Policy*, v. 63, p. 101–110, 2019. <https://linkinghub.elsevier.com/retrieve/pii/S0955395918302111>

PLANTIN, Jean-Christophe. Google Maps as Cartographic Infrastructure: From Participatory Mapmaking to Database Maintenance. *International Journal of Communication*, v. 12, p. 489–506, 2018.

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POLLIO, Andrea. Forefronts of the Sharing Economy: Uber in Cape Town. *International Journal of Urban and Regional Research*, v. 43, n. 4, p. 760–775, 2019. <https://onlinelibrary.wiley.com/doi/10.1111/1468-2427.12788>

ROKS, Robert A; LEUKFELDT, E Rutger; DENSLEY, James A. The Hybridization of Street Offending in the Netherlands. *The British Journal of Criminology*, v. 61, n. 4, p. 926–945, 2021. <https://academic.oup.com/bjc/article/61/4/926/6054630>

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ABDELNOUR, Sarah; MÉDA, Dominique. *Les nouveaux travailleurs des applis*. Paris, PUF. 2019.

ABILIO, Ludmila. Uberización: De la iniciativa empresarial a la autogestión subordinada. *PSICOPERSPECTIVAS (ONLINE): INDIVIDUO Y SOCIEDAD*, v. 18, p. 1-11, 2019.

BISSELL, David. Affective platform urbanism: Changing habits of digital on-demand consumption. *Geoforum*, v. 115, p. 102–110, 2020.

BURNS, Ryan; WELKER, Preston. Interstitiality in the smart city: More than top-down and bottom-up smartness. *Urban Studies*, v. 60, n. 2, p. 308–324, 2023.

CALO, Ryan; ROSENBLAT, Alex. *The Taking Economy: Uber, Information, and Power*. SSRN Electronic Journal, 2017.

CALLON, Michel. “El proceso de construcción de la sociedad. El estudio de la tecnología como herramienta para el análisis sociológico”, (pp. 143-170), in: DOMÈNECH, Miquel; TIRADO, Francisco Javier (orgs.). *Sociología simétrica: Ensayos sobre ciência, tecnología y sociedad*. Gedisa Editorial, Barcelona (1998).

CARDOSO, Bruno; DESGRANGES, Nina. Militaries, militias and unicorns: platform authoritarianism in Brazil. *Cultures-Kairós*, v. 11, p. 66–100, 2023.

DE STEFANO, Valerio. The Rise of the “Just-in-Time Workforce”: On-Demand Work, Crowd Work and Labour Protection in the “Gig-Economy”. SSRN Electronic Journal, 2015.

DESGRANGES, Nina. Os algoritmos do empreendedorismo: a plataformização do trabalho de entregadores de iFood. *Pensata: Revista dos Alunos do Programa de Pós-Graduação em Ciências Sociais da UNIFESP*, v. 9, n. 2, 2020.

ENGLERT, Sai; WOODCOCK, Jamie; CANT, Callum. “Operaísmo digital: tecnologia, plataformas e circulação das lutas dos trabalhadores”, in *Fronteiras- estudos midiáticos*, vol. 22, n. 1, janeiro/abril de 2020.

FIELDS, Desiree. Automated landlord: Digital technologies and post-crisis financial accumulation. *Environment and Planning A: Economy and Space*, v. 54, n. 1, p. 160–181, 2022.

FIRMINO, Rodrigo; CARDOSO, Bruno; EVANGELISTA, Rafael. 2019. Hyperconnectivity and (Im)mobility: Uber and Surveillance Capitalism by the Global South. *Surveillance & Society* 17(1/2): 205-212.

FUCHS, Christian; SANDOVAL, Marisol. Digital workers of the world unite! A framework for critically theorising and analysing digital labour. *tripleC: Communication, Capitalism & Critique. Open Access Journal for a Global Sustainable Information Society*, v. 12, n. 2, p. 486–563, 2014.

GROHMANN, Rafael. Plataformización del trabajo: entre dataficación, financiarización y racionalidad neoliberal. p. 17, .

KUMAR, Neha; JAFARINAIMI, Nassim; BIN MORSHED, Mehrab. Uber in Bangladesh: The Tangled Web of Mobility and Justice. *Proceedings of the ACM on Human-Computer Interaction*, v. 2, n. CSCW, p. 1–21, 2018.

LATOURETTE, Bruno. “La tecnología es la sociedad hecha para que dure” (pp. 109-142), in DOMÈNECH, Miquel; TIRADO, Francisco Javier (orgs.). *Sociología simétrica: Ensayos sobre ciência, tecnologia y sociedade*. Gedisa Editorial, Barcelona (1998).

LIN, Wen-I; SPINNEY, Justin. Mobilising the dispositive: Exploring the role of dockless public bike sharing in transforming urban governance in Shanghai. *Urban Studies*, v. 58, n. 10, p. 2095–2116, 2021.

LUQUE-AYALA, Andrés; NEVES MAIA, Flávia. Digital territories: Google maps as a political technique in the re-making of urban informality. *Environment and Planning D: Society and Space*, v. 37, n. 3, p. 449–467, 2019.

RICHARDSON, Lizzie. Coordinating the city: platforms as flexible spatial arrangements. *Urban Geography*, v. 41, n. 3, p. 458–461, 2020.

ROSENBLAT, Alex. *Uberland: How algorithms are rewriting the rules of work*. [s.l.]: Univ of California Press, 2018.

SHAPIRO, Aaron. Between autonomy and control: Strategies of arbitrage in the “on-demand” economy. *New Media & Society*, v. 20, n. 8, p. 2954–2971, 2018.

SWEENEY, Latanya. "Discrimination in Online Ad Delivery Google ads, black names and white names, racial discrimination, and click advertising". *ACM Queue*, vol11 issue 3, pp. 1-19. 2013.

TIMKO, Peter; VAN MELIK, Rianne. Being a Deliveroo Rider: Practices of Platform Labor in Nijmegen and Berlin. *Journal of Contemporary Ethnography*, v. 50, n. 4, p. 497–523, 2021.

VAN DIJCK, José; POELL, Thomas; DE WAAL, Martijn. *The platform society: Public values in a connective world*. [s.l.]: Oxford University Press, 2018.

VAN DOORN, Niels. Platform labor: on the gendered and racialized exploitation of low-income service work in the 'on-demand' economy. *Information, Communication & Society*, v. 20, n. 6, p. 898–914, 2017.

WOOD, Alex J; GRAHAM, Mark; LEHDONVIRTA, Vili; et al. Good Gig, Bad Gig: Autonomy and Algorithmic Control in the Global Gig Economy. *Work, Employment & Society*, v. 33, n. 1, p. 56–75, 2019.

ZUBOFF, Shoshana. *The age of surveillance capitalism: the fight for a human future at the new frontier of power*. First edition. New York: PublicAffairs, 2019.