

# SCHEDULE CRYPTORAVE 2024



## AUDITORIUM

### **7 pm - KEYNOTE: AI technologies and their impact on Palestinian lives and narratives**

110 minutes

#### **Speakers: Marwa Hanna**

Intersectional feminist, community and environmental activist, defender of human and digital rights in Palestine. She works as manager of the Capacity Development Department at 7amleh - Arab Centre for the Advancement of Social Media.

She is interested in research topics related to digital rights and social media, with a focus on digital protection, safety and security from a gender equality and human rights perspective.

#### **Júlia Tibiriçá Diegues**

Holds a Master's degree in Political Science from the University of São Paulo. She is a researcher at the Laboratory for International Security Analysis and Monitoring Technologies and conducts research in the areas of technology and politics, cyber security and critical security studies. She was the coordinator of the Educational Network on Human Rights in Palestine/Israel, having carried out field activities between 2014 and 2016 in the Occupied Palestinian Territories.

### **9 pm - Analysis of the deaths in Gaza due to indiscriminate attacks**

50 minutes

#### **Speaker: MTST Technology Centre**

**Summary:** To demonstrate through statistical modelling that around 85% of the deaths in Gaza cannot be attributed to military targets with a high degree of probability.

### **10 pm - Strategies for subverting the tyranny of the corporate map**

50 minutes

#### **Speaker: Babak Fakhamzadeh**

**Summary:** A brief overview with suggestions on how to combat the tyranny of the corporate map.

### **11 pm - The birth of a genetic algorithm: how to generate better work platforms?**

50 minutes

#### **Speaker: Aline Os & Gustavo Nicolau Gonçalves**

**Summary:** A conversation about how a genetic algorithm is born to be integrated into a work platform, thought up jointly between a worker and a master's student, and what the possible benefits of this encounter are for society.

### **12 pm - A platform to call our own: how to start from scratch and create a co-operative delivery platform?**

50 minutes

**Speaker: Aline Os & Gustavo Nicolau Gonçalves**

**Summary:** Round table discussing the hows and whys of a cooperative and a social movement joining forces to develop a cooperative platform, thinking about digital inclusion in defence of decent work, and how Brazil can position itself as a pioneer in building public policies for the digital solidarity economy.

**1 am - Digital colonialism: for a hacker-fanonian critique**

110 minutes

**Leaders: Deivison Nkosi Faustino & Walter Lippold**

**Summary:** New information technologies are the keynote of our old, brave new world. A real world where everything changes at increasing speed, but changes to intensify and diversify the old forms of production and extraction of surplus value. The promises of an informational or immaterial capitalism, smart cities, smarthouses and working from home, all pervasively linked to an internet of things (IoT), have actually allowed us to live at work and/or in a supposedly metavirtual shopping centre, where life is increasingly being converted into a boring and fungible collection of commodities.

**4 am - Cinemaquina: from the prototype of the super8 digitising machine to the image-document**

50 minutes

**Speaker: Ж - cinemaquina**

**Summary:** Cinemaquina: from the prototype of a (real) digitising machine to a speculative film-machine

**5 am - Digital Art, Open Source & Crypto/Privacy Arts: An introduction and overview up to the present day**

50 minutes

**Speaker: Arthur Boeira**

**Summary:** The aim of the talk is to create a historical and imagistic overview of the rise of digital art, especially works related to questions about privacy, network security and disruptive art. It will also show what software has been used and where to start in this vast field of art.

**8 am - Talk on digital care for children and adolescents**

50 minutes

**Speaker: Kate Tejada (Fellow Derechos Digitales - Perú) & Gabriela Ruiz (Ciberfemlab - Guatemala)**

**Summary:** We want to provide a safe, playful and educational space to learn how they approach technologies and how their digital life makes them feel; while we provide useful tools that allow them to develop freely on the Internet, preventing possible risks based on the recognition of children and adolescents as subjects of rights, also in their digital life.

**9 am - Building an internet of care and free of violence - An approach to the perceptions, practices and proposals of a group of adolescents in Ecuador**

50 minutes

**Speaker: Taller de Comunicación Mujer - Navegando Libres por la Red (Women's Communication Workshop - Surfing the Net Freely)**

**Summary:** The idea of this meeting is to be able to share some of the main findings of the research, as well as to relate some relevant data on the experience in participatory research with groups of adolescents. Although the findings respond to situated experiences and are not intended to become generalities, we consider that the exchange of these types of experiences and methodologies has the potential to open paths for dialogue with one of the groups that is most affected by digital gender-based violence.

#### **10 am - Electoral Control Experience with Free Software**

50 minutes

**Speaker: Rafael Bonifaz (Derechos Digitales) & Jonathan Finlay (La Libre)**

**Summary:** Learn about the experience of carrying out an audit of the Ecuadorian elections using free software. We hope it can be replicated elsewhere.

#### **11 am - Perfect Storm? From the insecurity industry and state surveillance to the regulation of digital intrusion capabilities by the state**

50 minutes

**Speaker: Recife Institute for Research in Law and Technology (IP.rec)**

**Summary:** The abuse of cyber intrusion tools, such as spyware or Mobile Device Forensics Tools (MDFTs), has been denounced for years around the world and, more recently, also within Brazil. Following the denunciations and investigations, regulatory initiatives have been initiated by the powers of the Global North, such as the Pall Mall Process, as well as in Brazil, with the Direct Action of Unconstitutionality by Omission no84 and PL 402/2024, drafted in response to ADO 84. The talk will address the possible risks and documented abuses of these tools in order to collectively discuss the limits and potential of regulatory initiatives like these.

#### **12 am - Who defines our security, protection and control on the internet?**

50 minutes

**Speaker: juliana**

**Summary:** The technical standardisation bodies of the internet are often seen as neutral and apolitical, how do we talk about privacy, censorship, access gaps, concentration of power, climate change, control and violence over bodies in these spaces?

#### **1 pm - Instructional Design in Digital Security: Capacity Building through Simulated Environments**

50 minutes

**Speaker: Luis Fernando Arias**

**Summary:** The workshop aims to train trainers in digital security to design and implement effective training programmes. Participants will learn how to use simulated environments and virtualisation techniques to create virtual laboratories, promoting interactive learning and the development of technical skills for the protection of digital rights.

#### **2 pm - Technopolitics of Return: how to (de)govern digital cyber technologies**

110 minutes

**Speakers: Henrique Parra (Pimentalab/Lavits/Unifesp), Fernanda Bruno (Medialab/Lavits/UFRJ), Alana Moraes (Pimentalab/Lavits/IBICT), Leo Foletto (BaixaCultura, Creative Commons Brasil, FGV), Pedro Ekman (ntervozes)**

**Summary:** From free collaboration to new forms of machine subjection and servitude; from the gift economy to the debt economy; from international communitarianism to ultra-nationalist identitarianism; from social trust to algorithmic reputation; from citizen participation to citizen police-vigilantism! In the face of these mutations, we are interested in resuming and promoting alliances between initiatives of technopolitical experimentation that promote other political imaginaries, other forms of life that are not captured by the horizon of progressivism, modernisation and the managerial order of life.

**4 pm - AI and the future of war and espionage: How is artificial intelligence changing war and espionage? What does analysing US documents tell us?**

50 minutes

**Speaker: Sérgio Amadeu da Silveira**

**Summary:** The exhibition will show how warfare and espionage are changing with deep learning.

**5 pm - KEYNOTE: Techno-authoritarianism: Spyware, OSINT and other surveillance technologies in Latin America**

**Speakers: Pilar Sáenz**

Physicist, Coordinator of the Civic Participation line at the Karisma Foundation (Colombia), Master of Science at the National University of Colombia, enthusiast of Free Software, open technologies and free culture that serve people's interests and needs, guaranteeing the free exercise of democratic rights.

**Paul Aguilar**

Cybersecurity expert, Coordinator of the Digital Security Programme at SocialTIC (Mexico) which assists, trains and accompanies activists and rights defenders in Latin America to develop digital security strategies.

**Jonathan Finlay**

Is dedicated to promoting the development and implementation of autonomous infrastructures and IT services for social organisations, with a special emphasis on the use, development and adoption of free software and open technologies. He is also concerned with the implementation of mass surveillance systems and the risks and threats these systems pose to human rights. In addition, he endeavours to train and provide ongoing support to communities in the field of digital security.

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# AARON SWARTZ

## Haemotheque

**9 am - Will it take another pandemic to make digital inclusion a priority again?**

50 minutes

**Speaker: Bruna Zanolli (Comitê de Redes Comunitárias)**

**Summary:** In 2023, 29 million people, or 16 per cent of the Brazilian population, did not have access to the internet in Brazil. The COVID-19 pandemic has put the issue of the digital divide on the agenda of the day and revealed that inclusion must be a top priority if the Internet is not to become an amplifier of inequality, considering that not just any type of access will be enough to ensure that the Internet reaches its potential as a social and economic facilitator. However, even before the World Health Organisation declared the end of the pandemic, the digital inclusion agenda had already been sidelined. So the Community Networks Committee invites you to a round table discussion: Will another pandemic be necessary for digital inclusion to become a priority again?

**10 am - In defence of the wiki model for a fair and safe internet: community curation, digital public good and AI of good**

50 minutes

**Speaker: Lucas Belo (Wiki Movimento Brasil)**

**Summary:** In this presentation, we defend the wiki model as a path towards a fair and secure internet. We emphasise the importance of community curation, which promotes collaboration and the sharing of knowledge. In addition, we discuss the need to protect the digital public good and exploit the potential of artificial intelligence for the benefit of all.

**11 am - 4 years on the battlefield against the Copyright Trolls**

50 minutes

**Speaker: Lucas Lago (Aaron Swartz Institute)**

**Summary:** Have you received or do you know someone who has received an extrajudicial notice because they downloaded a pirated film? Know that this is an abusive practice used by Copyright Trolls, lawyers who use fear and ignorance to get money from unsuspecting people. Join the Aaron Swartz Institute as we explain how this practice works and why "letting it go" is the best strategy, and that watching Hellboy 2 is punishment enough for piracy.

**12 am - The latest cves on the dark web and its applications in the corporate environment and the cyber security vision of a Brazilian working in Europe, systems and acceptance**

50 minutes

**Speaker: Lucas Ávila**

**Summary:** Latest CVEs and their applications in the corporate environment

**1 pm - From Weak AI to Generative AI: from ethical issues in art to the threat of fake news in elections**

50 minutes

**Speaker: Carla Oliveira Santos e Eliana Loureiro**

**Summary:** In this talk, we will present the emergence of AI and its evolutionary process, which culminated in Generative AI. We'll also explain the differences between traditional machine learning applications and algorithms and generative AI applications and algorithms. We'll also discuss the use of Generative AI in the creative industry with practical examples and all the ethical implications that this raises. Is it art or not? What about copyright? And finally, how AI-developed fake news could threaten existing democracies in elections around the world this year.

## **2 pm - The Election of the Year: Privacy, Popular Participation and Guardianship Councils**

50 minutes

**Speaker: Barbara Gomes e Miguel Soares (Nossas.org)**

**Summary:** Get to know and discuss the "Election of the Year" initiative, which seeks to strengthen popular participation in the elections for the Guardianship Council, confronting the advance of fascist and neo-pentecostal groups over these bodies. In this talk, we'll explore how the platform promotes the connection between candidates who encourage commitment to the principles of the ECA and Human Rights and their voters, as well as encouraging participation in the electoral process.

## **3 pm - It seems real but it isn't: the importance of data verification in the hunting process**

50 minutes

**Speaker: Reinaldo Bispo - corvo**

**Summary:** When consulting a public document, do you suspect that a key piece of information might be wrong? If it's wrong, is the error deliberate or just an oversight? It seems real, but it's not.

## **4 pm - Between the law and the code: Governance and Digital Sovereignty from the perspective of technology workers**

50 minutes

**Speaker: Kenzo Soares (ECO - UFRJ)**

**Summary:** How does public governance of digital technologies work? How does it favour or criminalise the struggle within and against Big Tech or for alternatives to it, such as platform and data cooperativism? How does it affect our daily work? The space will be an open discussion about these questions, starting with the presentation of the results of the research "The political imaginary of the Brazilian community of technology workers - 2023-2024".

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# EDWARD SNOWDEN

## Haemotheque

### **9 am - Is free software dead in Brazil?**

50 minutes

**Speaker:** Paulo Henrique de Lima Santana

**Summary:** Is Free Software in Brazil really dead? What is happening now? Do we still produce events, projects and (especially) code?

### **10 am - Mapas Culturais in Brazil: Impact Projects and the formation of the Mapas Culturais Brasil Community**

50 minutes

**Speaker:** Diego Rojas e Antonio Coelho (Movimento Software Livre Brasil)

**Summary:** On the use of the Mapas Culturais in Brazil.

### **11 am - Catch me If You Can - Techniques for creating efficient and invisible malware!**

50 minutes

**Speaker:** Rafael Sousa

**Summary:** How do hackers manage to create malware that is invisible to antiviruses? In this lecture I will demonstrate techniques that are often used to do this!

### **12 am - Pegasus Spyware, a depth analysis**

**Speaker:** Daiane Santos

**Summary:** In this presentation we'll look at the details of how spyware works, information on how it remains unnoticeable and some real cases where it works.

### **2 pm - Cryptanalysis of substitution ciphers using Markov chains**

50 minutes

**Speaker:** Igor Martins (Ganesh)

**Summary:** In this talk, we will use modern statistical techniques to break encryption ciphers used in ancient times more efficiently.

### **3 pm - OpenWRT: how to get more privacy and security on internal networks**

50 minutes

**Speaker:** Fernao Vellozo Ribas

**Summary:** A brief presentation on OpenWRT, a GNU/Linux distro focused on routers, and how to use it in internal networks to increase users' privacy and security. Different usage scenarios will be presented, both basic and advanced, as well as fundamental concepts and principles so that people can make informed choices about their own network configurations, regardless of their level of expertise. The primary objective is to reduce dependence on services offered by the Internet provider

(say, DNS), as we are talking about matters that are too important to be left in the hands of companies that profit from collecting other people's data.

#### **4 pm - Information Security and Privacy: how to ensure understanding by the Board of Directors and managers**

50 minutes

**Speaker: Edison Luiz Goncalves Fontes**

**Summary:** More than technical controls and rules, the understanding and commitment of managers, executives and the board of directors is needed.



## **ADA LOVELACE**

#### **9 pm - Protecting rights in the face of surveillance: The limits and possibilities of the criminal LGPD in the face of the expansion of monitoring in Brazil**

110 minutes

**Speaker: Rights on the Net Coalition & Get My Face Out of Your Sights Campaign**

**Summary:** The Coalizão Direitos Na Rede and the Campanha Tire Meu Rosto da Sua Mira are presenting the round table "Protecting Rights in the Face of Surveillance: The Limits and Possibilities of the Criminal LGPD in the Face of the Expansion of Monitoring in Brazil" at CryptoRave 2024. In this debate, we will discuss the expansion of surveillance devices in Brazil, especially in public security, in relation to the possibilities for regulating and protecting rights. Specifically, by confronting the drafting of a General Law on Data Protection in Public Security and Criminal Prosecution and the emergence of facial recognition as the front line of the technological updating of the Brazilian penal system, we will discuss the possibilities, limits and risks that this regulation brings us, specifically in view of markers of difference such as race, gender and class.

#### **11 pm - Digital Care: the sexting condom**

110 minutes

**Speaker: Wilson Guilherme & Bianca Galvão (Rondônia Research and Activism Collective on Technology, State and Society (C-PARTES))**

**Summary:** In this workshop we intend to encourage a debate on sexual democracy in the age of the digitalisation of relationships. Reflecting on how the increased use of digital messaging channels, especially with video, audio and photos, also influences new constructions of what it means to enjoy human sexuality. An unashamedly horny and safe conversation.

#### **1 am - Reproductive rights on the internet and digital security**

50 minutes

**Speaker: Lina López & Gisela Foz (AbortionData)**

**Summary:** Discover the role of the internet in the fight for abortion rights and how we can make it a safe space for people who need and want an abortion. We'll discuss current risks, such as



misinformation and censorship, and explore safe practices online. Don't miss this opportunity to get informed and get involved!

#### **4 am - Oracles of Transfeminist Technologies Workshop - Imagining Futures**

110 minutes

**Speaker: Coding Rights**

**Summary:** Are you at #CryptoRave? Come and play the Oracle for Transfeminist Technologies with us! The Oracle is a game that, through a deck of cards, encourages us to imagine futures. What if #technologies were designed with transfeminist values in mind? With The Oracle we invite you to think about it!

#### **8 am - Strengthening truth in the age of synthetic media with provenance and authenticity technologies**

50 minutes

**Speaker: Jacobo Castellanos (WITNESS)**

**Summary:** In this talk, we will present what verifiable metadata from the Coalition for Content Provenance and Authenticity (C2PA) is and how it can help fight disinformation and strengthen the truth in the age of synthetic media. We'll also discuss the risks these technologies carry in terms of privacy and accessibility and what some of the strategies are to avoid and mitigate possible damage.

#### **9 am - Feminist Futures: Reimagining Technology and Artificial Intelligence**

110 minutes

**Speaker: Data-Pop Alliance**

**Summary:** Take part in our interactive workshop that aims to promote critical dialogues about artificial intelligence (AI) and technology from an intersectional feminist perspective. Based on the "Technologies Under Feminist Lenses" Reading and Film Club, a Data-Pop Alliance and Eureka partnership, we will use cultural and artistic content to stimulate critical thinking. Through excerpts from selected films and books, participants will be invited to discuss and reflect on the topics covered, culminating in a "Eureka Moment" to understand the social transformations generated by AI. We close with concrete actions to promote a desirable future with technology.

#### **12 am - What is the impact of the lack of privacy and protection of women's data?**

50 minutes

**Speaker: Daniele Nazaré Tavares**

**Summary:** What is the impact of the lack of privacy and data protection for women? What is the impact on a woman who breaks an emotional contract and goes straight to social media to vent instead of seeing a counsellor? This Talk aims to show what the consequences are for women who use social media to show everyday facts about their personal lives, and for women who want to report abuse. In both contexts, the consequences can be drastic when the data exposed is used for social engineering or to exclude you from a social context.

#### **1 pm - Technology for transfeminist autonomy**

50 minutes

**Speaker: Aline Freitas & Foz**

**Summary:** The internet has brought us the possibility of producing and sharing content without borders, but when large corporations take over the main communication tools, it is the interests of these corporations that will shape our limits: what we can share, what we can talk about and on what terms our data will be stored. Is there any way out of these limits? Is there an internet without Instagram, Whatsapp, Facebook or Tiktok?

**2 pm - Aquilombanto as a defence tactic for cyberfeminists: is the algorithm racist?**

**Speaker:** Rosângela Hilário, Monique Prado & Fabricia Garcia

**Summary:** Exploring the Matrix films to discuss human-machine fusion, digital sovereignty, resistance to Big Tech and the search for technodiversity.

**3 pm - Matrix Digital: What do the films in the series have to do with the Internet and the world in 2024?**

50 minutes

**Speaker:** Veronyka Gimenes (Non-binary Code)

**Summary:** Exploring the Matrix films to discuss human-machine fusion, digital sovereignty, resistance to Big Tech and the search for technodiversity.

**4 pm - Who designs the algorithms to be racist?**

110 minutes

**Speaker:** Aline Ferreira, Fabricia Garcia, Gislaine Antônio & Rosangela Hilário

**Summary:** It proposes an understanding of intersectionality as a focal point of resistance: how black women have organised themselves to resist, to move forward, to mark the right to have rights in diversity, in difference, in the various synonyms that the Brazilian language recognises as representing national identity and all the potential that technology could add were it not for the problem of algorithmic discrimination.

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## ALAN TURING

**9 pm - Digital and street security for social movements**

50 minutes

**Speaker:** Free Ride Movement

**Summary:** Round table discussion on security and self-defence for social movements

**10 pm - All about Tor and the Deep Web**

50 minutes

**Speaker:** zé (zévaneios)

**Summary:** For BEGINNERS: what Tor is and what it's for, how to use it, its limits and ethical implications.

**11 pm - Phising: Concerns, Risks and How to Prevent It?**

50 minutes

**Speaker: Danilo Gameleira Dias and Calebe Paes De Santana**

**Summary:** Learn how to recognise and avoid deceptive cyber attacks. Practical demonstrations will reveal criminal tactics and protection measures. Protect yourself online!

**12 pm - How I became a Super user on Duolingo without paying - Step by step to crack the most famous language app**

**Speaker: Rafael Sousa**

50 minutes

**Summary:** Demonstration of the step-by-step process and mindset needed to crack programmes and applications.

**1 am - Decidim in Brazil: Impact Projects and the formation of the Decidim Brazil Community.**

**Speaker: Diego Rojas & Antônio Coelho (Free Software Movement Brazil)**

50 minutes

**Summary:** Panel on the use of Decidim in Brazil.

**2 am - Data modelling for algo-trading and applications in the cryptocurrency market**

**Speaker: Leandro Damasio (RBX Robotics)**

50 minutes

**Summary:** Robson Bot is free software created by Leandro Damasio, a programmer who, in this talk, will share his experience of developing an open source project aimed at automatic cryptocurrency trading.

**3 am - The many quotes of the avant-garde — from Luther Blissett to Qanon**

**Speaker: Caco Ishak**

50 minutes

**Summary:** 'Anyone can be Luther Blissett,' preached the book Psychic Guerrilla. The 'horror' of the left against the culture industry in the 1990s gave birth to Qanon, an exponent of the alt-right. Co-optation as a consequence of abandonment?

**8 am - Open Food Network**

50 minutes

**Speaker: fabs balvedi & rafael braz (Open Food Network)**

**Summary:** The talk aims to introduce the audience to the Open Food Network (OFN), a support network for food security based on platform cooperative technologies that aims to bring together people and organisations working on the development of infrastructures, knowledge, open and shared resources, supporting food system initiatives and short marketing circuits around the world. The network's main objective is to reconnect producers and consumers, giving them the knowledge they need to develop the most appropriate food distribution system for their contexts.

**9 am - Losing Digital Memory: Preserving Brazilian Web Content**

50 minutes

**Speaker: Antonio Paulo Carretta & Rondineli Gama Saad**

**Summary:** Based on the relevance of a nation's digital heritage, the lecture aims to discuss actions for the preservation, archiving and future access to Brazilian web content.

**10 am - Pi-Hole installation activity with raspberry pi 3 and container**

50 minutes

**Speaker:** Left Online Technology and Security Collective

**Summary:** Install and configure the PiHole OS on a raspberry pi and also install it via docker. The Pi hole will act as a home DNS, filtering advertisements and also generating privacy statistics, as it will filter all local requests.

**11am - A\_PIX\_calipse: how PIX influenced digital scams and boosted cybercrime**

50 minutes

**Speaker:** Anchises Moraes

**Summary:** Today the PIX is part of our daily lives, but it's also a haven for cybercriminals, who have quickly adapted with new scams and malware.

**12 am - Free hardware: origins, policies and practical applications**

50 minutes

**Speaker:** Julio Nunes Avelar & Vinicius Peixoto

**Summary:** Learn about the free hardware movement, its origins, licences and practical applications.

**1 pm - How to improve your loved ones' defence against digital fraud**

50 minutes

**Speaker:** M4TT05

**Summary:** You there! Have you realised that your relatives and friends are being targeted by all kinds of scams on the Internet? It's time to take action, right? I'll present techniques and concepts so that we can spread digital self-defence in the lives of our loved ones.

**2 pm - How passwords work and why they don't: Trying to solve a problem without a solution**

50 minutes

**Speaker:** Yan Orestes

**Summary:** Do you hate passwords? So do I! In this talk, we'll understand how passwords work and, above all, why they fail. After all, how do you protect a system based on passwords?

**3 pm - First steps in self-hosting**

50 minutes

**Speaker:** caioau

**Summary:** The activity is an expository talk aimed at showing the first steps in the world of self-hosting to host your own applications.



# CHELSEA MANNING

## **9 pm - Digital rights and structural challenges in the favelas. How to promote engagement in human rights causes through social networks?**

50 minutes

**Summary:** Digital rights and structural challenges in the favelas. How can we promote engagement in human rights causes through social networks? The aim is to provide information related to the research 'Perspective of activists living in the favelas of Maré on digital rights and structural challenges', the result of completing the MBA in Data Science Analytics at USP. It will contextualise the scenario in which favelas and peripheries find themselves in terms of establishing digital rights, as well as providing examples of possible uses for disputing narratives on issues such as public safety, environmental issues and other topics. The proposal is aimed primarily at those who are in the favelas and peripheries and want to generate engagement in human rights causes. Some digital marketing concepts and strategies will be explained, along with how the social media algorithm works, with the aim of democratising access to scientific knowledge, for example by communicating in an accessible way based on data.

**Speaker: Ana Paula Godoi Medrado**

## **10 pm - The spectrum is no longer what it used to be: digitalisation of the media and expression freedom in the 21st century**

50 minutes

**Speaker: Thiago Novaes, Rafael Diniz**

**Summary:** The dynamic management of the spectrum and the emergence of digital TV and interactive digital radio as autonomous communication platforms in times of consolidation of the internet control society.

## **11 pm - AI in Politics: Beyond Deep Fakes**

50 minutes

**Speaker: Pedro Markun**

**Summary:** Explore the vast territory of artificial intelligence in politics with 'AI in Politics: Beyond Deep Fakes'. This talk goes beyond the surface of disinformation to discover how AI is reshaping governance and democracy. We will discuss both the dangers and the promises of AI, from creating deep fakes that challenge our perception of the truth to optimising public management. The focus will be on how to navigate this new territory, highlighting the critical importance of regulations that ensure the ethical and safe implementation of AI.

## **1 am - Wireless Signals, Real Risks: An Approach to the Dangers of Wi-Fi**

50 minutes

**Speaker: Thiago Cunha**

**Summary:** Have you ever connected to free Wi-Fi? Come and find out why this is a risk in real practice and much more!

### **2 am - Hospitals: the world's greatest vulnerability**

50 minutes

**Speaker:** Kali Nathalie & Erika Finoti

**Summary:** The talk will show the lack of security in public and private hospitals.

### **3 am - Prompt hacking in large language models**

50 minutes

**Speaker:** Cássia Sampaio

**Summary:** In this talk, we will understand what prompt hacking is, what its relationship is to the functioning of large language models, what some of the techniques used for attack are and neutralisation strategies.

### **8 am - Quantum Computing and Data Cryptanalysis**

50 minutes

**Speaker:** Daniele Nazaré Tavares

**Summary:** What is quantum computing and what are the impacts of its advances on the cryptanalysis of data that is still in the cloud using obsolete cryptographic algorithms. This talk aims to present the main quantum algorithms that compromise data security and the new class of algorithms that are emerging and are resistant to quantum attacks.

### **9 am - Forensics on damaged mobile devices**

50 minutes

**Speaker:** Perito Forense

**Summary:** Introducing advanced data extraction from a destroyed mobile phone.

### **10 am - Android NFC Hacking - A Biohacker's Approach**

50 minutes

**Speaker:** Matheus Gaboardi

**Summary:** This talk presents well-known techniques for hacking NFC on Android smartphones, but using biochips, demonstrating new possibilities for exploiting these flaws.

### **11 am - Wearable control: How fashion is being used to spread social surveillance devices**

50 minutes

**Speaker:** BRIFW

**Summary:** Fashion and surveillance technology. When sensors become hype, what can we expect?

### **12 am - Hacking Cameras in the Real World: How it's done and how to protect yourself**

50 minutes

**Speaker:** João Moreno Rodrigues Falcão

**Summary:** Cameras everywhere. Automating and hacking hundreds of cameras in an hour. Bonus: how to protect yourself.

**1 pm - Privacy, open-source and decentralisation: mixnets and the Nym project**

50 minutes

**Speker: psydenst**

**Summary:** Limitations of current privacy-promoting technologies (VPNs and Tor), mixnets and future possibilities in web3.

**2 pm - Young on the Net: A Regional Look at Internet Governance in Brazil**

50 minutes

**Speakers: Marcelo de Oliveira, Thobias Aguias, Pedro Camera, Mariana Lopes, Antonia Nirvana, Felipe Santos**

**Summary:** The presentations will explore personal experiences, regional challenges and the relevance of youth in governance. The interactive debate will deepen the discussions, focussing on issues specific to each region. There will be an opportunity for audience interaction and reflections on the impact of young people in building a more inclusive internet.

**3 pm - The importance of ethical design for digital products**

50 minutes

**Speaker: Rafael Poite**

**Summary:** Ethical design seeks to ensure that technological products and services are designed taking into account moral principles, human values and social impacts.

**16 pm - Privacy by design in data science projects: what to do when you hold the power**

50 minutes

**Speaker: Francisco Nascimento**

**Summary:** Data science projects represent a promise of innovation and transformation, but they also entail important ethical challenges, especially with regard to data privacy. In this talk, I will explore the risks involved, examples of use cases and, above all, how to integrate privacy principles into each stage of a data science project.

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**IAN MURDOCK**

**9 pm - Autonomous infrastructures: perspectives from Brazil and Argentina**

110 minutes

**Speaker: Worker-Owned Intersectional Platforms Project (WOIP) / Worker-Owned Platforms and Intersectionalities**

**Summary:** What are autonomous infrastructures? How do we think about them in the world of work? How can we build autonomous infrastructures from a gender and class perspective in a Latin American context? How do autonomous infrastructures relate to debates on digital sovereignty? This panel presents Brazilian and Argentinian experiences in relation to autonomous infrastructures.

**11 pm - Monster Technologies: Rebellion and radicalism in sustaining life**

50 minutes

**Speaker: Transfeminist Network for Digital Care**

**Summary:** Monstres Insubordinades: The Manifesto is a workshop that invites a collective demonstration for the freedom to be the creatures that generate seeds, fertile and multiple ecotransfeminist seeds, seeds charged and recharged with wisdom and technologies with each cycle and generation. To reach the powers of our monstrosities, we activate monster, ancestral, resistant, resilient and survivor beings. Be a monster!

**12 pm - The Cultural Logic of Computing: How the Ideology of Computationalism Strengthens the Status-Quo**

50 minutes

**Speaker: Ariel Augusto dos Santos**

**Summary:** The Cultural Logic of Computing: A Butlerian Jihad to Call Our Own?

**1 am - Data is ours! Sovereignty, liberation and information technology**

50 minutes

**Speaker: Rafael**

**Summary:** Information is power. Where does Brazil stand when it comes to processing people's data? We need to free our data from the shackles of Big Tech and only the organised population can do that.

**2 am - Evil AI: Reflections on the malicious use of AI**

50 minutes

**Speaker: Anchises Moraes**

**Summary:** In addition to the great benefits of Artificial Intelligence, there are security risks. Let's reflect on the main incidents, misuse and attacks on AI.

**3 am - How many times can you ask the town hall for information without being abusive?**

50 minutes

**Speaker: Diego Fernandes Barbosa**

**Summary:** CMAI Resolution 02/23 and the Regulation of Abuse of the Right of Access to Information without the participation of society

**8 am - Information Security and Privacy: how to ensure understanding by the Board of Directors and managers**

50 minutes

**Speaker: Edison Luiz Gonçalves Fontes**

**Summary:** More than technical controls and rules, understanding and commitment from managers, executives and the board of directors is needed.

**9 am - Artificial Intelligence versus Human Intelligence**

50 minutes

**Speakers: Infoproletários**



**Summary:** Come and understand so-called Artificial Intelligence and what we must do as a working class.

**10 am - Data, cognitive biases, lawfare: what does the world know about us and what do we know about it?**

50 minutes

**Speakers:** Wanderley Anchieta, Thaiane Moreira de Oliveira, Wagner de Lara Machado, Eleonora Magalhães, Reynaldo Aragon Gonçalves, Manoela Mayrink, Pabli Luciano Tavares de Oliveira, Edem Cardim

**Summary:** Data, cognitive biases, lawfare: what does the world know about us and what do we know about it? - round table with researchers from UFF-RJ and PUC-RS on data control.

**11 am - AI safety**

50 minutes

**Speaker:** Alessandra Oliveira de Jesus

**Summary:** AIs are an API away from us. We don't want to do machine work, so we need to understand the risks associated with using AI to mitigate cyber threats.

**12 am - Investigations into algorithmic (in)justice and possible futures**

110 minutes

**Speakers:** Valentina Kurkdjian Teixeira & Mariana Costa Morais

**Summary:** In this workshop the facilitators will explore how algorithms shape our online experiences through speculative design. Join in and discuss how we can, through design, promote reflections on privacy, culture and digital justice.

**2 pm - Communication 4.0: the challenges of counter-hegemonic data journalism in times of global conflict.**

110 minutes

**Speaker:** Centre for Strategic Studies in Communication and Cognition (NEECC), affiliated to the National Institute of Science and Technology in Disputes and Informational Sovereignty (INCT- DSI), Conecta Artificial Intelligence Network and Science and Media Education.

**Summary:** Communication 4.0: the challenges of counter-hegemonic data journalism in times of global conflict - International round table on the work of independent journalism in war zones.

**4 pm - FORCEENTRY: About Zero-Days and the Pegasus**

50 minutes

**Speaker:** Carlos Cabral

**Summary:** Presentation in which, through the story of a vulnerability in Apple devices (used to infect devices with the Pegasus Spyware), an overview is given of the zero-day vulnerability market, the cyber-weapons industry and the consequences of the use of hacking by nation states in the midst of current geopolitical tension.

# \\ ROOFTOP

**TECHNOPOLITICS PODCAST IN THE CRYPTORAVE** - Ongoing activity

**Responsible:** Coletivo Tecnopolítica Podcast: Sergio Amadeu da Silveira, Joyce Souza & Richard Garbuggio

Tecnopolítica Podcast will record special episodes with Cryptorave participants, speakers and organisers

**9 pm - Tecnoráculo: If Technology Were God, What Questions Would You Ask? — a creative resistance to the collapse of our attention performance**

110 minutes

**Presenter:** Ana Pura (@att\_.te), Júlio de Ló (@dilemadigital) & Ka Steinman

**Summary:** {performance and conversation about the collapse of our attention on digital platforms - how to perceive and how to resist?} For the first time in the lands of Abya Yala, the infamous nomadic-vanguardist circus-futurist troupe with an encrypted name performs yet another modest & piercing performance about the precious and frontier >technologies of survival< that it has collected in its peregrinations throughout the galaxies. The current season presents the ~tecnoráculo~, an apparatus that embodies the millenary wisdom of hacker Egyptian gods and allows them to attentively answer Any Question -- yes, any-per-gun-ta -- from the well-loved audience! The troupe, as loyal guardians of such artefacts of potential cosmic-cultural transformation, guarantees a strong preamble and detailed technical guidelines on the invaluable currency for using the platform: yours, ours, the much desired & valuable \*ATTENTION\*. Don't miss this unique and unrepeatabe presentation! Bring your pocket-sized dark screens and your most worthy presence. {keywords: attention economy, surveillance capitalism, hijacking the future, resistance, regenerative design, decolonial technologies, autonomy, activism, self-consciousness, value, meaning}.

**11 pm - Offline television presents Zero Likes Records. Minidoc approach to transmedia**

50 minutes

**Presenter:** Zero Likes Records

**Summary:** Offline Television presents ZERO LIKES RECORDS and the algorithms of transmedia cities.

**12 pm - Body under surveillance: a debate on surveillance and techno-authoritarianism**

50 minutes

**Presenter:** Data Privacy Brasil

**Summary:** Screening of the documentary 'Corpo Vigiado', produced by Data Privacy Brasil, which tells the story of Conrado Hubner Mendes, a law professor at USP, Carolina Oms, director of AzMina, a news organisation that focuses on women's rights, Benny Briolly, a black trans councillor from Niterói, Sara and Dorilene Guajajara, indigenous women fighting for their land in TI Araribóia, Maranhão. Four very different stories of people who somehow see technology as the means by which they suffer threats and are oppressed. At the end of the screening there will be a chat with those interviewed in the documentary and the film's production team.

### **1 am - MonsTrans Ball**

110 minutes

**Presenter: Transfeminist Network for Digital Care**

**Summary:** Masks protect us from gas, viruses and cameras. They allow us to exercise other subjectivities, to experience being other, being monstre. In this session we'll build our masks and possibilities of being. Let's get our hands dirty, talk about identities (and identity management), have a ball, dance and flood the cryptorave with monstrosities. Get your box of carnival costumes out of the cupboard and bring everything that can be used to build a mask to the session. Also, come prepared to dance! We encourage the participation of trans people, black people and dissident bodies.

### **3 am - Womanoiser - For those who can't stand 10 minutes of glitch**

50 minutes

**Presenter: Dionisia Revolta**

**Summary:** Womanoiser in a climate of algorithmic confusion.

### **8 am - Internet Territories Map Workshop: Materialising the cloud to question monopolies and foment resistance**

110 minutes

**Speaker: Coding Rights**

**Summary:** Have you ever stopped to think that the internet is nothing like a 'cloud'? There are cables, antennas, servers and a lot of very material things that contribute to the production of electronic waste, mining and influence (a lot) on our environment. To help materialise these relationships, Coding Rights has launched the Internet Territories Map project and will be holding a workshop at CryptoRave.

### **10 am - A Hacker Manifesto and the Extinction of the Internet - Digital dystopias and utopias in the age of generative AI**

50 minutes

**Speaker: Leonardo Foletto, Rafael Grohmann, Adriana Amaral & Tatiana Dias**

**Summary:** Based on the recently published (2023) books 'A Hacker Manifesto', by McKenzie Wark, and 'Extinction of the Internet', by Geert Lovink, the panel proposes to discuss the transformations that have taken place in internet culture in recent years and the consequences both for the technopolitical dispute and for internet-related research today.

### **11 am - VPN In the slums**

50 minutes

**Speaker: Alexandre Deckleva (OpenBSD)**

**Summary:** A debate on VPN uses within networks free of anonymity, protection and obfuscation - from TOR to Darknet.

### **12h am - If that, then what? - Imagining possible futures**

110 minutes

**Speaker: Lucas Inacio Schutz**

**Summary:** The dynamic takes privacy as its central theme and invites participants to imagine possible futures and their consequences in groups. We will explore the possible futures from the first wave of visions constructed by the group and exercise the intended and unintended consequences in a second and third wave. The result is visually consolidated and connects decisions with their potential side effects, bringing a broader look at the impact of our decisions and constructions of the future.

**2 pm - Information: the Artificial Indigence Garbage**

110 minutes

**Speaker: Silvio Rhatto**

**Summary:** Information, intelligence and apocalypse: what do they have in common? A sad history of information technology, from antiquity to the new weapons of mass destruction. With optional salsa practice to lighten the mood! ALERT: talk 85% bad vibes; may have triggers about colonialism, apocalypses and the end of worlds.

**4 pm - Latin America WTF?! Trends and challenges in the digital protection of activists and collectives in the region**

50 minutes

**Speaker: Fer and Carl (Digital Defender Partnership and MariaLab) - Brazil**

**Summary:** Based on the experiences of the DDP (Digital Defenders Partnership), the facilitators will discuss the current challenges of accompanying social organisations in Latin America. With a reading of the context, pointing to threats to social organisations in Latin America.

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## **CryptOffspring**

**10 am - Encrypting with Caesar's cipher - Playfulness in the principles of cryptography. Raising children's awareness of the importance of cryptography in the virtual world**

50 minutes

**Presenter: Romênia Ishiyama**

**Summary:** Raising children's awareness of the importance of cryptography in the virtual world. Although the activity is aimed at children, all age groups are welcome to take the first steps in cryptography.

**2 pm - Once upon a time there was privacy**

110 minutes

**Presenter: Pedro Markun (Coletivo Literário Sabichinho)**

**Summary:** An interactive experience for children that explores the importance of digital privacy. Through playful activities, including creating avatars and investigating the digital shadow, young people learn about how their personal information is collected and used on the internet.



# INSTALL FEST

**Install Fest takes place 24 hours a day during CryptoRave**, with the opening of the space with the talk:

**9 pm - Debian - Relationship between project and community**

50 minutes

**Speaker: Daniel Lenharo de Souza**

**Summary:** How to understand the relationship between one of the largest free software projects and the community.



# URSULA K. LE GUIN

**9 pm - 1 am - Escape from Data - an Expanded Audiovisual Performance**

4 hours

**Presenters: Meiolab Collective - Gavin Adams, Chico Linares & Marcos Muzi**

**Summary:** The expanded audiovisual *Escape from Data* is a multimedia narrative of live manipulation on 3 overhead projectors, involving transparencies, printed matter, drawings, toys, glassware and acrylics, visually exploring the theme of the datascape.

It is the result of the collective's extensive research into media and image archaeology, the audiovisual events are carried out in the manner of DJ and VJ culture, mobilising pre-programmed material in 'jam' situations, producing a kind of abstract manual cinema.