

Machines for Future From Counterproductive to Protest Machines

VK @ eLab

Communication Guerilla / Communication Machines / Protest Machines / Error Machines / Adbusting / Reclaim the data / Technoshamanism / Culture Jamming / Low Tech Retro Communication Machines

Prof. Julian Adenauer Prof. Barbara Junge Begleitung: Elena Falomo Hauptstudium, WS 2019/20

Quest

Meanwhile, the Greens are ahead of the CDU in polls. Pushed forward by Fridays for Future, the citizens seem far ahead of politics. Driving diesel is the new smoking, a new protest culture is emerging. Protest movements have always been an important civic contribution to political participation and thus to the transformation of cultural and value systems.

We think this is great and we don't want to stand idly by. We would like to try to throw sand into the gears. We are interested in inventing new tools on the border between art and activism for networking, communication and protest. These can be new ways to make problems interactively visible and understandable, data collecting bots or new communication machines (physical or virtual) to actively interfere in public space. The medium – but also the theme – of our protest are hardware and software machines: Physical Computing or networked Apps.

We are planning an exhibition in April where we want to present the results.

Machine culture

When the ancient Greeks spoke about "techne"—they did not differentiating between art and technology. While design under contemporary conditions has becoming omnipresent (and has mostly the function of aestheticization) machines have always been ambivalent. They relieve us of work and they take away our work. They store enormous knowledge and amputate us at the same time. Al reproduces our thought structures and thus unnoticed our prejudices. Due to the polished interface surfaces, errors & manipulations become less and less verifiable - an almost religious belief in data and technological progress remains. What was once promised to us as a happy, networked world has brought a seemingly incompatible social division into the various filter bubbles and, moreover, a loss of self-determination and human dignity. The enormous computing capacities are being used to waste resources instead of using them profitably. So... is it time for a new wave of machine breakers, like it was the idea of the Luddites, english textile workers in the 19th century?

Protest culture

Protest is a multi-faceted social phenomenon that not only manifests itself in the form of social movements and political organizations, but also in personal initiative, grassroot activism and new forms of artistic expression. It is an independent cultural domain whose aesthetics, practices and narratives are themselve regularly re-used and counteracted by the media, advertisers and even political actors.

We are interested in subversive and innovative forms of protest, such as communication guerrilla, in which information or disinformation is specifically used to achieve goals. For example the "Google bomb" came up in 1999 when the search term "more evil than satan himself" was used to refer to Microsoft's website. In culture jamming, strategies from conventional product advertising are adopted, caricatured and sometimes led to absurdity, e.g. the magazine Adbusters (adbusters.org) tries to use attention as the main resource of the media society to rebel against the terror of the consumer society. However, we are also interestred in concrete tools that can be repoduced, copied and further developed by activists themselves.

Workflow + technical Support

At the beginning of the Semester we are planning a **physical Computing Intro** by Elena Falomo. Here the first hurdles of the design with sensors and actuators & programming are to be taken. Elena will continue to accompany the course for the critical development of the results. Additionally Julian Adenauer will held an Intro into **Bot Programmining** – datadriven Programmining with APIs for screenbased and networked Websites or Apps.

Time + Place

Monday 10 o'clock:

weekly fixed meeting date (normally until about 15h, but pls block the whole day), group or individual consultations Wednesday 10 – 13 oʻclock: if required

Grades

In the timetable you find some Milestones. These Milestones (in form of a Presentation and a PDF) beside a final documentation, are mandatory for getting the grade for this project.

Bct 1418. * Mon. 14 Dct 12h General Assembly VK Enrolment Projects - Courses Fr 10 Dct MA : BARfang Presentations Courses 15.10 25.10. Mandatory for VK students 2125. * Courses: 15.1025.10. Mandatory for VK students 2226. * Courses: 15.1025.10. Mandatory for VK students 2301. 1 1 Mon. 20 Dct First meeting 10h. Location L102 Input, Brainstorming about Topics, Distribution Short Lettures (Derivation from Brainstorming) Inferentibul Designithinking Sprink (Enguined) Rest of the week. Elena Falomo: Intra Robots (Physical Computing) BeLab (Dreck Transmediale Tickets for Early Bird) Nov 0.4-08. 2 Mon. 10: Nov. Elaboration of the Idea, as required individual consultation (please arrange appointments with us) 13. Nov 100 Milestone 1 Presentation - submission as PDF in Incom - Topic (stort text) - Research on the topic, context, examples of artworks in the field - 3 settched variants for implementation 1822. 4 Wed 20th Nov.08A Elena Falomo 25-00. 1925. 5 Wed 20th Nov.09A Elena Falomo 25-09. 5 Ved 22th Nov.09A Elena Falomo 1922. 4 Wed 20th Nov.09A Elena Falomo 2529. 5 Ved 22th Nov.09A Elena Falomo 2620. 5 Ved 22th Nov.09A Elena Falomo 2731. 7 No.11.20.Variation submission as PDF in Incom - Topic (short text) - First technical prototypes [testing for technical problems] 0913. 7 Dect - 12, Workshopi In Sauer (Xurzz	Timetable			Project Machines for Future Monday fixed meeting date, Wednesday as needed
2801. 1 Mon, 28 Oct First meeting 10h, Location C102 Input, Brainstorming about Topics, Distribution Short Lectures [Derivation from Brainstorming] Identify Sprint [enquired] Nev 0408. 2 Mon, 4 Dct. 10h Short presentations and 1cs Sprint for Ideas Rest of the week. Julian Adenauer - Intro Bots [Coding for Screen] 1115. 3 Mon, 11 Nov. Elaboration of the Idea, as required individual consultation [please arrange appointments with us] 13 Nov 10h Hilestone 1 Presentation = 3 UPC in Incom = Topic [chort text] 1222. 4 Wed 20th Nov. 08A Elena Falomo: Intermediate pre-presentation = 0 (please arrange appointments with us] 13. Nov 10h Hilestone 1 Presentation = submission as PDF in Incom = Topic [chort text] Presentation = submission as PDF in Incom = Topic [chort text] 2529. 5 Wed 20th Nov. 08A Elena Falomo [lease arrange appointments with her] 2529. 5 Wed 20th Nov. 08A Elena Falomo [lease arrange appointments with her] 2529. 5 Wed 20th Nov. 08A Elena Falomo [lease arrange appointments with her] 2529. 5 Wed 20th Nov. 08A Elena Falomo [lease arrange appointments with her] 2529. 5 Wed 20th Nov. 08A Elena Falomo [lease arrange appointments with her] 2620. 6 2n Adv. 10h - project internal intermediate pre-presentation + First technical prototypes [testing for te	Oct	14.–18.	x	Enrolment Projects + Courses Fr 18 Oct: MA + BA final presentations
Input, Prainstorming about Topics, Distribution Short Lectures [Derivation from Brainstorming] New 0408. 2 Momentiation Consignituations (Short Lectures [Physical Computing) BeLab (Check Transmediale Tickets for Early Bird) New 0408. 2 Mon, 11 Nov. Elaboration of the Idea, as required individual consultation (plaase arrange appointments with us) 1115. 3 Mon, 11 Nov. Elaboration of the Idea, as required individual consultation (plaase arrange appointments with us) 13.Nov. 10h Milestone 1 Presentation + submission as PDF in Incom Topic [short text] 2529. 5 Wed 20th Nov: 08A Elena Falomo Dec 0205. 5 2dd Nov. 10h - project internal intermediate pre-presentation 0206. 6 2dd Nov. 10h - project internal intermediate pre-presentation Milestone 2 Presentation + submission as PDF in Incom Topic [short text] 0205. 5 2dd Nov. 10h - project internal intermediate pre-presentation Milestone 2 Presentation + submission as PDF in Incom Topic [short text] 0313. 7 Dec 9 - 12, Workshop in Sauen [Kurzzetprojekt] Minedator for WK students, led by Weishaupt + Höhner 1620. 8 15/17 Dec - VK Intermediate		21.–25.	х	Courses: 15.10. – 25.10. Mandatory for VK students
Image: Proceeding of the week: Julian Adenauer - Intro Bots [Coding for Screen] 1115. 3 Mon, 11 Nov. Elaboration of the Idea, as required individual consultation [please arrange appointments with us] 1115. 3 Mon, 11 Nov. Elaboration of the Idea, as required individual consultation [please arrange appointments with us] 1222. 4 Wed 20th Nov: 08A Elena Falomo [please arrange appointments with her] 2529. 5 Wed 20th Nov: 08A Elena Falomo Dec 0206. 6 Presentation + submission as PDF in Incom - i opic (short text) - effection e avainat - effection avainat - effection for VK students, led by Weishauper + Hübber 1620. 8 16/12 Dec - VK Intermediate Presentations (Department VK) Milestone 3 9013. 7 Dec 12, Workshop in Sauen [,Kurzzeitprojekt'] Mandatory for VK students, led by Weishauper + Hübber 1620. 1620. 8 16/12 Dec - VK Intermediate Presentations (Department VK) Milestone 3 Milestone 3 - Fresentation - submission as PDF in Incom - i opic [short text] - initished Simulation 1221. × Christmas break 3002.		28.–01.	1	Input, Brainstorming about Topics, Distribution Short Lectures (Derivation from Brainstorming) Ideenlabor Designthinking Sprint (enquired) Rest of the week: Elena Falomo: Intro Robots (Physical Computing) @eLab
Image: Provide a specific product of a specific product product of a specific product of a specific product p		0408.	2	
InterfaceInterfaceInterface2529.5Wed 27th Nov: 0&A Elena FalomoDec0206.62nd Nov. 10h - project internal intermediate pre-presentation Milestone 2 Presentation + submission as PDF in Incom • Topic (short text) • Decision for a variant • First technical prototypes (testing for technical problems)0913.7Dec 9 - 12, Workshop in Sauen ("Kurzzeitprojekt") Mandatory for VK students, led by Weishaupt + Hübner1620.816/12 Dec - VK Intermediate Presentations (Department VK) Milestone 3 Presentation + submission as PDF in Incom • Topic (short text) • finished Simulation2327.×Christmas break3003.×Christmas break3003.×Christmas break3004.9Start of implementation 1317.10Wednesday: 0&A Elena Falomo2024.11Wednesday: 0&A Elena Falomo2731.12Wednesday: 0&A Elena Falomo 29 Jan - 01 Mar TransmedialeFeb0307.1303. February 10h: Internal pre-presentation 1011. Feb Final Presentations (Department VK) 1721.rt21.×(BA Qualification Test) until Apriluntil April×Semesterbreak: finishing projects + prepare documentation		11.–15.	3	<pre>(please arrange appointments with us) 13 Nov 10h Milestone 1 Presentation + submission as PDF in Incom • Topic (short text) • Research on the topic, context, examples of artworks in the field</pre>
Dec0206.62nd Nov. 10h - project internal intermediate pre-presentation Milestone 2 Presentation + submission as PDF in Incom • Topic (short text) • Decision for a variant • first simulation • First technical protugpes (testing for technical problems)0913.7Dec 9 - 12, Workshop in Sauen ("Kurzzeitprojekt") Mandatorg for VK students, led by Weishaupt + Hübner1620.816/17 Dec · VK Intermediate Presentations (Department VK) Milestone 3 Presentation + submission as PDF in Incom • Topic (short text) • finished Simulation2327.×Christmas break3003.×Christmas break3003.×Christmas break3003.×Christmas break3003.11Wednesday: 0&A Elena Falomo2024.11Wednesday: 0&A Elena Falomo2731.12Wednesday: 0&A Elena Falomo 28 Jan - 01 Mar TransmedialeFeb0307.1303. February 10h: Internal pre-presentation 1014.1014.1410.+11. Feb Final Presentations (Department VK) 1721.until April×Semesterbreak: finishing projects + prepare documentation		18.–22.	4	Wed 20th Nov: Q&A Elena Falomo (please arrange appointments with her)
Hilestone 2Hilestone 2Presentation + submission as PDF in Incom • Topic (short text) • Decision for a variant • first simulation • First technical protuppes (testing for technical problems)0913.7Dec 9 - 12, Workshop in Sauen ("Kurzzeitprojekt") Mandatory for VK students, led by Weishaupt + Hübner1620.816/12 Dec • VK Intermediate Presentations (Department VK) Milestone 3 Presentation + submission as PDF in Incom • Topic (short text) • finished Simulation2327.×Christmas break3003.×Christmas break3003.×Christmas break3003.×Christmas break3003.10Wednesday: 0&& Elena Falomo2024.11Wednesday: 0&& Elena Falomo2024.11Wednesday: 0&& Elena Falomo2025.12Wednesday: 0&& Elena Falomo2024.130.5. Ebruary 10h: Internal pre-presentation1014.1410.+11. Feb Final Presentations (Department VK)1014.1410.+11. Feb Final Presentations (Department VK)1721.×(BA Qualification Test)until April (×)Semesterbreak: finishing projects + prepare documentation		25.–29.	5	Wed 27th Nov: Q&A Elena Falomo
Image: Mandatory for VK students, led by Weishaupt + Hübner1620.816/17 Dec · VK Intermediate Presentations (Department VK) Milestone 3 Presentation + submission as PDF in Incom • Topic (short text) • finished Simulation2327.×Christmas break3003.×Christmas break3003.×Christmas break3004.9Start of implementation1317.10Wednesday: 0&A Elena Falomo2024.11Wednesday: 0&A Elena Falomo2731.12Wednesday: 0&A Elena Falomo28. Jan - 01 Mar TransmedialeFeb0307.1303. February 10h: Internal pre-presentation1014.1410.+11. Feb Final Presentations (Department VK)1721.×(BAQualification Test)until April×Semesterbreak: finishing projects + prepare documentation		02.–06.	6	Milestone 2 Presentation + submission as PDF in Incom • Topic (short text) • Decision for a variant • first simulation
Milestone 3 Presentation + submission as PDF in Incom • Topic (short text) • finished Simulation2327. ×Christmas break3003. ×Christmas break3003. ×Christmas break1317. 10Start of implementation1317. 10Wednesday: Q&A Elena Falomo2024. 11Wednesday: Q&A Elena Falomo2731. 12Wednesday: Q&A Elena Falomo2801Nar TransmedialeFeb0307. 1303. February 10h: Internal pre-presentation1014. 1410.+11. Feb Final Presentations (Department VK)1721. ×(BA Qualification Test)until April ×Semesterbreak: finishing projects + prepare documentation		09.–13.	7	
3003. × Christmas breakJan0610.9Start of implementation1317.10Wednesday: 0&A Elena Falomo2024.11Wednesday: 0&A Elena Falomo2731.12Wednesday: 0&A Elena Falomo2807.1303. February 10h: Internal pre-presentation1014.1410.+11. Feb Final Presentations (Department VK)1721.×(BA Qualification Test)until April×Semesterbreak: finishing projects + prepare documentation		16.–20.	8	Milestone 3 Presentation + submission as PDF in Incom • Topic (short text)
Jan 0610. 9 Start of implementation 1317. 10 Wednesday: 0&A Elena Falomo 2024. 11 Wednesday: 0&A Elena Falomo 2731. 12 Wednesday: 0&A Elena Falomo Feb 0307. 13 03. February 10h: Internal pre-presentation 1014. 14 10.+11. Feb Final Presentations (Department VK) 1721. × (BA Qualification Test) until April × Semesterbreak: finishing projects + prepare documentation		23.–27.	х	Christmas break
I.317.I.0Wednesday: Q&A Elena Falomo2024.I.1Wednesday: Q&A Elena Falomo2731.I.2Wednesday: Q&A Elena Falomo 28 Jan - 01 Mar TransmedialeFeb0307.I.30.3. February 10h: Internal pre-presentation1014.I.410.+11. Feb Final Presentations (Department VK)1721.×(BA Qualification Test)until April×Semesterbreak: finishing projects + prepare documentation		3003.	х	Christmas break
2024.11Wednesday: Q&A Elena Falomo2731.12Wednesday: Q&A Elena Falomo 28 Jan - 01 Mar TransmedialeFeb0307.1303. February 10h: Internal pre-presentation1014.1410.+11. Feb Final Presentations (Department VK)1721.×(BA Qualification Test)until April×Semesterbreak: finishing projects + prepare documentation	Jan	0610.	9	Start of implementation
Image: Constraint of the constraint		13.–17.	10	Wednesday: Q&A Elena Falomo
Feb 0307. 13 03. February 10h: Internal pre-presentation 1014. 14 10.+11. Feb Final Presentations (Department VK) 1721. × (BA Qualification Test) until April × Semesterbreak: finishing projects + prepare documentation		20.–24.	11	Wednesday: Q&A Elena Falomo
1014. 14 10.+11. Feb Final Presentations (Department VK) 1721. × (BA Qualification Test) until April × Semesterbreak: finishing projects + prepare documentation		27.–31.	12	· · · · · · · · · · · · · · · · · · ·
1721. × (BA Qualification Test) until April × Semesterbreak: finishing projects + prepare documentation	Feb	03.–07.	13	03. February 10h: Internal pre-presentation
until April × Semesterbreak: finishing projects + prepare documentation		1014.	14	10.+11. Feb Final Presentations (Department VK)
		17.–21.	х	(BA Qualification Test)
April Exhibition		until April	x	Semesterbreak: finishing projects + prepare documentation
		April		Exhibition