Conversational Objects
Check in!

2 truths + 1 lie about yourself

= 3 x information
Tuesday  
13:00 - 14:00  
Introduction to the Makersprint

14:00 - 15:15  
Brainstorm: Data Jam, ecology, perspective -> ideas!

15:15 - 16:30  
Show concepts (with DTDs)
Draw sketches

16:30 - 17:30  
Show plan, make list of materials and tools
Collect material and divide teams

Wednesday  
9:30 – 9:45  
All teams meet and review their plan

9:45 – 12:30  
Make/Program!

12:30 – 13:00  
Lunch

13:00 – 16:30  
Make/Program!

16:30 – 17:00  
All teams meet and check evolution of the process

Thursday  
9:30 – 13:00  
Refine prototypes

13:30 – 16:30  
Prepare expo

16:30  
Starts Expo
Making
as
Research
Making as Research

Making to diverge

Making to discuss

Making to confirm
Prototype?
— an early sample, model or release of a product, build to test a concept or process, or to act as a thing to be replicated or learned from.
Conversational object?
Foster brainstorm
Show perspectives
Find tension
Unearth assumptions
Conversational objects for complex problems
Interdependent and multi-causal
Many things affect and are affected by the problem and are related to one another

Unclear boundaries
The reach of the issue is too vast to be delimited clearly

No evident solution
If there is an agreement on the problem, there is still a debate on its solutions

Unforeseen outcomes
We can only make calculated, non-definitive assumptions
Stay with the problem!
Stay with the problem!
You will make a tangible/digital Conversational Object.

Often teams only create design artefacts as part of proposed solutions. This sprint is to experience that design artefacts can also help in understanding the problem, as part of the research.
Data jamming
Ecology
Ingredients for conversational objects
Paradoxes
Exaggerations
Uncertainties
Humor
Speculation
Science Fiction
Data Physicalisation

Let’s clean up the climate!
One gigaton at a time...

What is your role in preventing climate change?
Remove a carbon card from the board and replace it with your business card to become part of our network.

Climate Cleanup
Climate Cleanup plans to reverse climate change by stripping emissions and taking carbon dioxide out of the air. Climate solutions need to be both scalable and sustainable. The challenge is enormous, and solutions that are commercially viable will develop more swiftly. The goal is to create a network of committed people that can make these solutions work and start acting now.

How do we remove 1500 gigatons of carbon dioxide?
The technology to remove and store considerable amounts of carbon dioxide from the atmosphere already exists. To meet the target of reducing 1500 gigatons of carbon dioxide this century we need to continue to find ways to scale-up these technologies through continued research and investment. We can reach this goal if we act now.

Join the movement at www.climatecleanup.org

climate cleanup
Performances

#wastefitness - Jij maak de stadt 2018
Carbon Recaptcha

Rather than exploiting human cognition to covertly train the digitisation projects of Google Books and Google Self Driving Car initiatives, Carbon ReCAPTCHA attempts to untangle the knotty technical and moral complexities of defining sources of carbon emissions. Is a t-shirt a source of carbon emission? How about an asphalt road? Or a child? Is the charging electric car exempt and the parked petrol car guilty or vice-versa?
This website is an experiment that takes the most viewed news (Google News API) and articulates it as a “what if” speculation using a simple algorithm which combines it with ideas and concepts that inspire our practice.

What if night australian was a bacteria?

Imagination of things is a design fiction studio
This device, a collar designed to be worn around the neck, ties mobile-phone activity to the practice of erotic asphyxiation. With each phone call or text message, whether or not it is picked up or responded to, the collar tightens. The callers and senders are unaware of the game but still part of it. The pleasure and pain of being constantly sought after—normally expressed with frequent neurotic glances at our device screens and by hypocritical and empty complaints about feeling drained—are embodied by Gunnar Green in a sadomasochistic contraption that subtly demonstrates one of the tenets of contemporary interaction. The wearer can loosen the collar at any time by pulling a string.
A bot that gives you various ideas. It talks back to you!

https://twitter.com/conceptsbot
MATERIALISM

A SCULPTURE ON REVERSED ENGINEERING
Flylight is a site-specific art installation that directly interacts with its surroundings. The light mimics the behaviour of a flock of birds in flight, symbolizing the conflict between the safety of the group and the freedom of the individual.
EquiTable app

When it's time to split the bill, EquiTable helps you avoid the entrenched discrimination that exists in our society. It doesn't split the bill equally—it splits it equitably. You pay what you should to balance out the wage gap.
Musical Swings is an urban interactive installation that stimulates human connections in public spaces. Imagined as a collective experience, the work invites people of all ages and backgrounds to make music together. It’s an intuitive game, where cooperation between participants unlocks secret melodies, encouraging collaboration and an active awareness of others.
Objective Realities is series of VR experiences that change the perspective from a human point of view to the one of an object. In OR you will be able to see and act in a virtual smart home with the capabilities and limitations of a specific object and listen to the invisible chatter that happens between networked things and the home.

http://automato.farm/portfolio/objective_realities/
Digital tools
A scatter plot, scatterplot, or scatter graph is a type of mathematical diagram using Cartesian coordinates to display values for two variables for a set of data. The data is displayed as a collection of points, each having the value of one variable determining the position on the horizontal axis and the value of the other variable determining the position on the vertical axis. This kind of plot is also called a scatter chart, scattergram, scatter diagram, or scatter graph.
Kepler

https://kepler.gl/
Runway ML

https://runwayml.com/

microplastics are the food of the future
Vectr
https://vectr.com/

Free Vector Graphics Software

Vectr is a free graphics software used to create vector graphics easily and intuitively. It's a simple yet powerful web and desktop cross-platform tool to bring your designs into reality.
Physical/Digital tools
Nintendo Switch
Arduino
MakeyMakey

Piano
LittleBits

SEND A TEXT...

...FEED YOUR PET!
Raspberry Pi

- Camera
- Detecting the green ball
- Lighting up the green LED
Physical tools
Innovation Lab
Amstel Campus - Leeuwenburg
Kammers D-101 - D-120 (basement)
Laser cutter
3D printer
Vacuum Former
In what way does your thing call for a discussion?
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We are here to help!

Making things, 3D printing
Tamara, Ilaria, Martin

Coding
Jake

Bots
Abdo

Conv. AI
Emma

Data Viz / Data Phiz
Mick, Carlo

Arduino
Mick

Design
Stephan, Nicoleta

Pure data
Dan