

# INTERNATIONAL INTERNET *of* THINGS -Rotterdam

#IOTROTTERDAM

MONDAY  
**9 APRIL**

CMI WIJNHAVEN 107

HUMANIZING IOT

PEOPLE MAKE CITIES

TUESDAY  
**10 APRIL**

RDM DROOGDOKGEBOUW

PRIVACY & SECURITY

INNOVATION OF THINGS

HACKATHON CITYTHINGS



CREATING



School of  
Communication, Media  
and Information  
Technology

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# MONDAY

# 9 APRIL

## CMI WIJNHAVEN 107

09.00	WELCOME					
09.30	INTEGRATING SOCIAL ROBOTS INTO PERSONAL CARE AND LIVING ENVIRONMENTS - <b>MARK NEERINGX (ENG   INTRO)</b> DE VIJFDE					
10.15	COFFEEBREAK					
10.45	WHY ARE CHATBOTS HUGELY POPULAR TODAY? - <b>FRANK SMIT (ENG   INTRO)</b> DE VIJFDE					
11.15	ASIBOT : SYNTHETIC LITERATURE: WRITING SCIENCE FICTION IN A CO-CREATIVE PROCESS - <b>BEN BURTENSHAW (ENG   INTRO)</b> DE VIJFDE					
11.45	<b>WORKSHOP #1</b> CHATBOTS IN DE PRAKTIJK FRANK SMIT (NL   INTRO)  H2.204	<b>WORKSHOP #2</b> A.I.: DE BANEN VAN DE TOEKOMST ELGER VAN DER WEL (NL   INTRO)  DE VIJFDE	<b>WORKSHOP #3</b> DESIGNING THE INTERNET OF INTELLIGENT THINGS NATHALIE STEMBERT (ENG   INTRO)  H2.308 & H2.312	<b>WORKSHOP #4</b> ASIBOT : UNDER THE HOOD BEN BURTENSHAW (ENG   ADV)  H3.308	<b>WORKSHOP #5</b> SEMANTISCHE TEKST-CLASSIFICATIE CASPER VAN HOUTEN (NL   ADV)  H3.312	#1 HUMANIZING IOT
13.15	LUNCH 4TH FLOOR					
14.15	CITIZENS AND CITY MAKING - <b>GIJS BOERWINKEL (ENG   INTRO)</b> DE VIJFDE					
15.15	<b>LECTURE #1</b> PARTICIPATORY CITY MAKING PETER VAN WAART & BERIT PIEPGRAS (ENG   ADV)  DE VIJFDE	<b>WORKSHOP #2</b> HANDS ON MET DE ONSBLOK LORA SMART CITIZENS KIT ARN VAN DER PLUIJM & MICHAEL ANHALT (NL   INTRO)  H4.403	<b>WORKSHOP #3</b> CITYMAKINGKIT JONAS VOS (ENG   INTRO)  H4.206	<b>WORKSHOP #4</b> OPEN BADGES VOOR KENNISDELING TUSSEN LABS IN ROTTERDAM LEO REMIJN & PETER TROXLER (NL   INTRO)  H4.318	#2 PEOPLE MAKE CITIES	
17.00						

PROGRAM  
ELEMENTS

BREAK

LECTURE

WORKSHOP

HACKATHON

# TUESDAY 10 APRIL RDM

09.00	WELCOME							
10.00	DE DIGITALE OVERHEID, VEILIGHEID EN DE AVG - <b>PIETER DE GROOT</b> (NL   INTRO) AUDITORIUM DROOGDOKGEBOUW						#3 PRIVACY & SECURITY	
11.00	WORKSHOP #1 DE 'ZELFMETENDE' JUSTITIABELE LIZA CORNET (NL   INTRO) RD02.01	WORKSHOP #2 PRIVACYLAB 010: BLACK BOX IN DE OPERATIEKAMER FLOYD VAN DE GRAAF (NL   INTRO) RD02.17	LECTURE #3 PEARL DIVERS: ARCHITECTING IN THE WORLD OF IOT JACEK SKOWRONEK (ENG   INTRO) RD02.15	LECTURE #4 PRIVACY, SECURITY EN ETHISCHE ASPECTEN BIJ DATAGEDREVEN TOEPASSINGEN MORTAZA S. BARGH & SUNIL CHOENNI (NL   INTRO) AUDITORIUM				
12.00								
13.00	LUNCH & BLOCKCHAIN EXPO BAAI INNOVATION DOCK							
14.00	THE FOURTH INDUSTRIAL REVOLUTION AND INNOVATION - <b>BEN VAN LIER</b> AUDITORIUM DROOGDOKGEBOUW						#4 INNOVATION OF THINGS	
15.00	BREAK							
15.30	LECTURE #1 GET SMART JOHAN REIJENGA (NL   INTRO) ID01.211	LECTURE #2 RF COLLECTOR MOSTAFA HAJIAN (ENG   INTRO) ID01.312	LECTURE #3 WHY WE NEED IOT-HARDWARE THAT WILL SURVIVE THE NEXT 50 YEARS NICK KIRAN (ENG   INTRO) ID01.151	WORKSHOP #4 HANDS-ON IOT WORKSHOP NIELS STAMHUIS (ENG   INTRO) MAKERSPACE	RONDLEIDING #5 RDM INNOVATION DOCK (NL   INTRO) INNOVATION DOCK	TOUR #6 RDM INNOVATION DOCK (ENG   INTRO) INNOVATION DOCK		
16.30	BREAK							
16.45	RADICAL OBSERVATIONS & ARTISTIC PROTOTYPES IN THE FIELD OF IOT - <b>RODOLFO GROENEWOUD</b> (ENG   ADV) CONGRESZAAL INNOVATION DOCK							
18.00	HACKATHON: CITYTHINGS PITCHES CONGRESZAAL INNOVATION DOCK							
19.00	NETWORKING RECEPTION & AWARD CEROMONY HACKATHON BAAI INNOVATION DOCK							
20.00								

HACKATHON: CITYTHINGS

# BLOCKCHAIN EXPO

## PUBLIC SERVICE INNOVATION

Within the 2nd year Emerging Media course of the Communication & Multimedia Design programme our students are designing digital products and services that exploit new technologies in an innovative manner. This year, they're collaborating with GR IJsselgemeenten, which administers social services of the municipalities Capelle aan de IJssel, Krimpen aan de IJssel, and Zuidplas, close to Rotterdam. Students are working to explore concepts and experiences that could benefit from innovative applications utilising blockchain technology. In the current stage of the project, students have been developing concepts, which they would like to test with you! So during your lunch on Tuesday, besides grabbing a bite, explore and test some of the concepts our students are working on! Explore one of the following themes:

### SPECIAL WELFARE

The municipalities supports low income households with special welfare, which can be accessed for covering essential costs that are not covered by other funds. This is currently a process with a large paper trail and many manual checks. Could blockchain provide a manner of authentication that could speed up this process?

### ELDERLY TRANSPORT

Elderly citizens can receive a special budget for using transportation services that help them get across the city. In order to facilitate this the municipalities make special agreements with transport services within the region. However, this system is brittle and open to exploitation. Could this be made more transparent and robust by implementing a blockchain based solution?

### STUDENT TRANSPORT

For some children, going to school is difficult. If they have a handicap, or live far from school, they qualify for special student transport. Currently, this process is highly opaque to different stakeholders. Parents care about their children being taken to school safely, but rely on a primitive system to facilitate these transports. Time for a blockchain enabled upgrade?

### SPORTS & CULTURE ALLOWANCE

For children of low-income parents, the municipality has a special fund that allows these children to participate in sports and cultural activities. However, these allowances are administrated on paper. It's an old-fashioned process, in dire need of an upgrade. By utilising blockchain, and smart contracts, could a better system be put in place?