Summary Report

1st Annual AI-Cambodia Forum: "Human Intelligence in the Augmented Era"

Raintree - The Canopy
Phnom Penh
November 8th 2018

Event Coordinator
Mr. Chhem Siriwat

Conveners
Dr. Chhem Rethy, Executive Director, CDRI
Dr. Hul Seingheng, Director of Research and Innovation Center, ITC

Organizing Committee
Dr. Khieng Sothy, Senior Research Fellow, CDRI
Dr. Liv Yi, Researcher Lecturer, ITC
Dr. Srang Sarot, Head of Mechatronics Research Unit, ITC

Special thanks to Dr. Bong Angkeara, Research Associate, CDRI

Sponsored by:

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1. Introduction

The 1st Annual AI-Cambodia Forum: "Human Intelligence in the Augmented Era" was held on Thursday, November 8th 2018 at Raintree - the Canopy, Phnom Penh, Cambodia. The forum was sponsored by Cambodia Development Resource Institute (CDRI), ISI Group, and Institute of Technology of Cambodia (ITC). The report summarizes key points of the forum objectives, expected outcomes, scholar and entrepreneur presentations, discussions, and recommendations. The forum was attended by 38 participants from key technical institutions and private sectors. These included executive directors, senior managers, scholars, entrepreneurs, and students. Based on the participants' feedback, there were generally positive responses that the knowledge gained from participating in the forum met their expectations and more.

1.1 Objectives:

The main purpose of the 1st Annual AI-Cambodia Forum: "Human Intelligence in the Augmented Era" was to provide an innovative platform for scholars and entrepreneurs to exchange ideas, creating opportunities for potential collaboration.

1.2 Expected Outcome:

The expected outputs of the forum are: (1) explore AI landscape of Cambodia, (2) examine roles of digital technology in society, and (3) foster industry-university linkages.

2. Presentations:

A. Scholar Presentations

The first presentation made by Dr. Sawal Hamid Md Ali, Associate Professor, Department of Electrical, Electronics and Systems Engineering, Universiti Kebangsaan Malaysia was on "Disruptive Technology Shaping Our Future". He explained the trends in disruptive technology i.e. Internet of Things, Augmented Reality, Blockchain, Artificial Intelligence, 3D printing, drones, robotics, etc. Then, he introduced three key project examples, including the Automatic Calorie Estimation System (Smart Glass), Human Emotion Recognition System (Smart Car), Smart and Sustainable Campus (Smart City). He further explained the problem statement, objectives of the project, modeling, and social implications for each project.

The second presentation by Dr. Srang Sarot, Head of Mechatronics Research Unit, Institute of Technology of Cambodia was on "Intelligent Mechatronics". Dr. Sarot explained the key definition of intelligent mechatronics (mechatronics + artificial intelligence). Mechatronics relates to automation, robotics, control system, system design, and system modeling; whereas artificial intelligence includes search and optimization, machine learning, deep learning, reinforcement learning, and identification and estimation. Concurrently, he displayed videos related to his projects on mechatronic systems, including SCARA Robot, 4DOF Robot Manipulator, Dual Axis Solar Tracker, drone: Hexacopter, and Mobile Robot using Omni Wheel. For instance, SCARA Robot is used for moving parts, drilling holes, cutting and metal assembly. At the end of his presentation, he expressed interest for future research, including 5-DOF and 6-DOF Robot Manipulator (for multipurpose use), 7-DOF Robot Manipulator (like human arm), 4-legged and biped robots (walking robots), and integrating AI with robots, together with potential stakeholders.

B. Entrepreneur Presentations

The third presentation delivered by Mr. De Vos Andries, CEO, Slash Foundry was on "Building AI Applications from Cambodia". In his presentation, he focused on two key parts on building AI applications in Cambodia and on developing AI talents in Cambodia. In the first part, he briefed key projects, including identity match, news categories, flood prediction, fraud detection,

city management (smart city), and Khmer Chatbot. He further explained two key challenges in starting with AI in Cambodia: (1) access to data and (2) access to talent.

The fourth presentation made by Mr. Yim Richard, CEO, Demine Robotics was on "Landmines, Bombs and Robotics". He introduced a number of issues related to landmines, as well as their clearing cost. For example, there are 60 million landmines in 70 countries. From the landmine monitor report, it costs $900-$1,000 per landmine to clear. He further explained the 3 key functions of his demining robot: (1) detect, (2) retrieve, and (3) destroy. The uniqueness of his robot is its small size, strength, intelligence, machine efficiency, machine sensitivity, and data collection.

3. Summary of the Discussions:

- How can we frame our perspectives of AI? How can we educate and facilitate the young generations to respond to the changes of society in terms of AI? How can we create the awareness of AI in the business sectors?
    - Raise awareness between key stakeholders, including the government, private, and manufacturing sectors.
    - Develop national strategies and roadmaps.
    - Ensure the understanding of AI services between supply and demand.
    - Provide AI training and education for the young generations through practical experiences and e-learning.
    - Address and minimize false negative perceptions about AI in society.
    - Learn and develop our understanding of AI by looking at international role models.
    - Develop a social engineering system.
    - Gain support from the government and key stakeholders.

- Problem #1: How do we design AI-driven curriculums to build and retain talent in Cambodia?
    - Develop practical curriculums in English, involving industrial partners.
    - Provide business opportunities and support for young Cambodians in Computer Science/Engineering.
    - Develop SWOT curriculums, based on annual AI-Cambodia Forum findings.
    - Build capacity and resources for AI academics, including teachers and facilities.
    - Develop partnerships between universities and industrial partners.
    - Provide a space for innovative learning and teaching, i.e. computer labs.
    - Build trust in the process of AI and its value in the business sectors.

- Problem #2: How do we maximize industrial productivity, while minimizing negative impacts on the existing workforce?
    - Develop talent strategies, including more applicable programs on AI and create new opportunities for young entrepreneurs.
    - Develop new specialized workforces to meet the current market's demands.
    - Move from manufacturing to technical services, government incentive for industrial transformation.
    - Retain and upgrade the existing workforces.
    - Provide a space for open data to support the business sector.
    - Gain support from government in terms of incentive programs to support local AI entrepreneurs.
    - Collaborate with foreign stakeholders i.e. internationalization of the industry.

4. Recommendations

The recommendations from the forum may be summarized as follows:

- Build innovative technology center i.e. AI center in Cambodia. The government should ensure that resources and technical support are available for key stakeholders to integrate AI into the national strategy plan. Committing resources to building capacity and confidence could ensure articulation of their concerns, while empowering them to participate fully in AI industries.
- Transform academic research into possible business plans to respond to the market's demands. Future collaborations between AI industries and private sectors should consider the following points:
    - Proof of concept (talent and funding)
    - Prototyping (funding and experiences)
    - Startup (business incubator)
- Develop mechanisms for improving future collaboration between AI practical sector and stakeholders, including access to AI opportunities in Cambodia. These include formulation, implementation and monitoring of participation at all levels.
- Develop a roadmap for AI, to educate young Cambodians on its value to boost the country's growth in the future.

APPENDIX

Global Historical Roots of AI

Dr CHHEM Rethy

King Mu of Zhou 950BC

> *"It walked with rapid strides, moving its head up and down, so that anyone would have taken it for a live human being. The artificer touched its chin, and it began singing, perfectly in tune. He touched its hand, and it started posturing, keeping perfect time. It went through any number of movements that fancy might happen to dictate. The King, looking on with his favorite concubine and the other inmates of his harem, could hardly persuade himself that it was not real."*

Aristotle
350BC

Syllogism

Aristotle used every form of deductive reasoning;

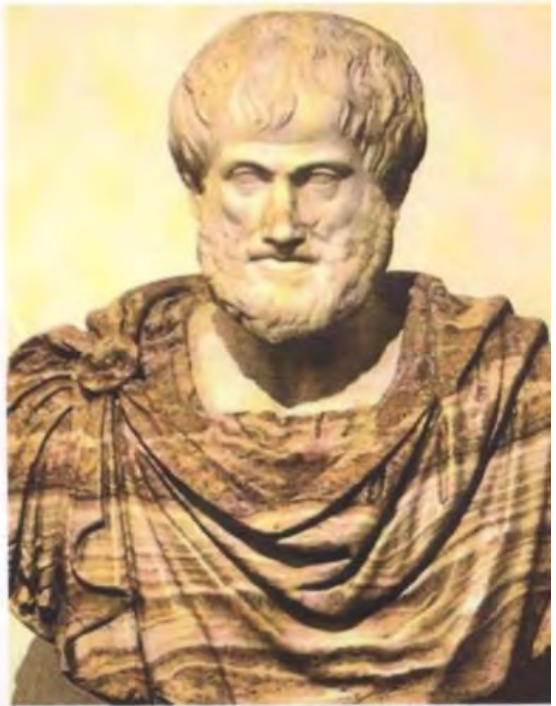
Syllogism is a form of deductive reasoning;

Therefore Aristotle used syllogism.

Reason

It

Out!

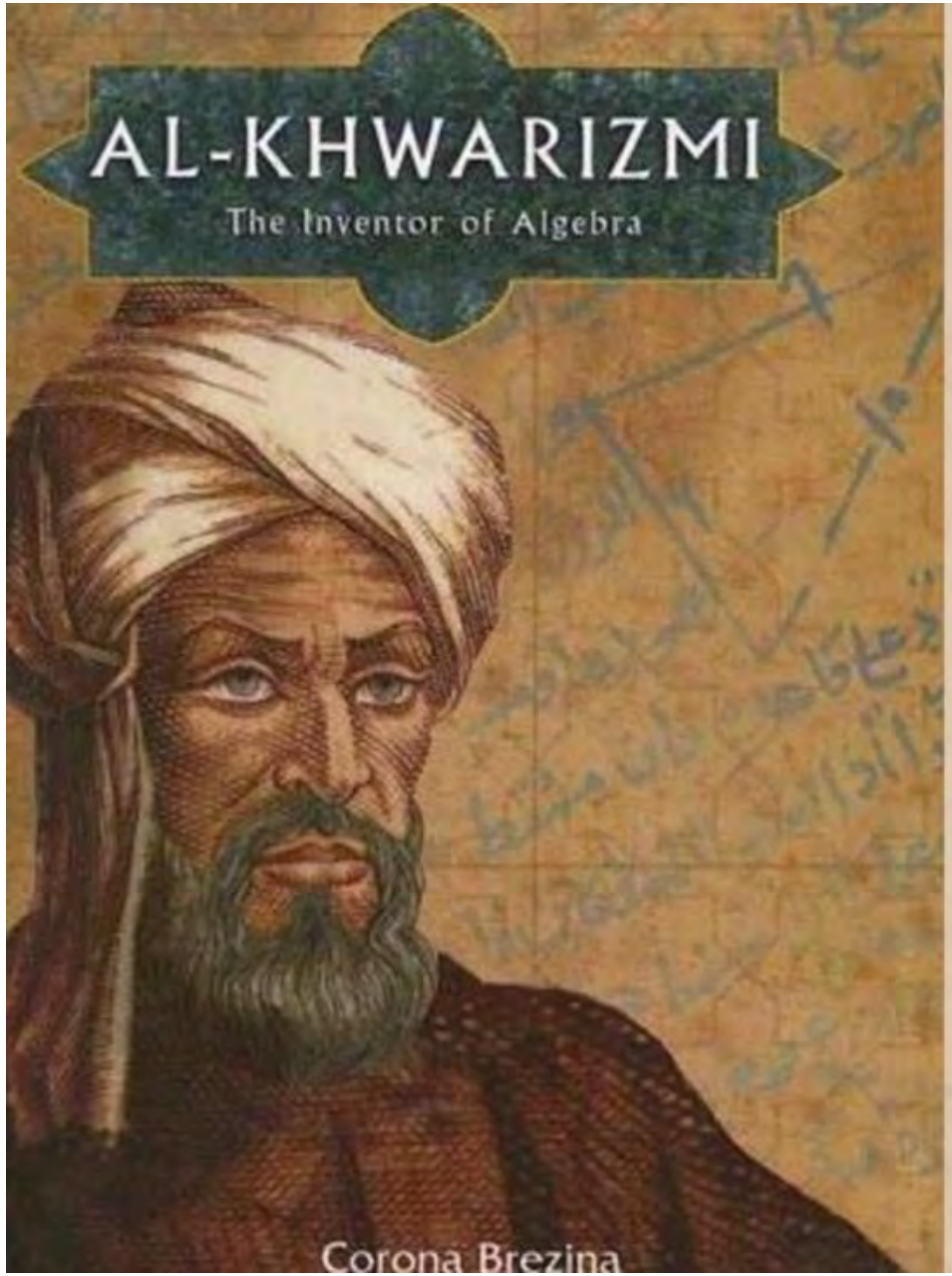


Automata Allah
9th CE

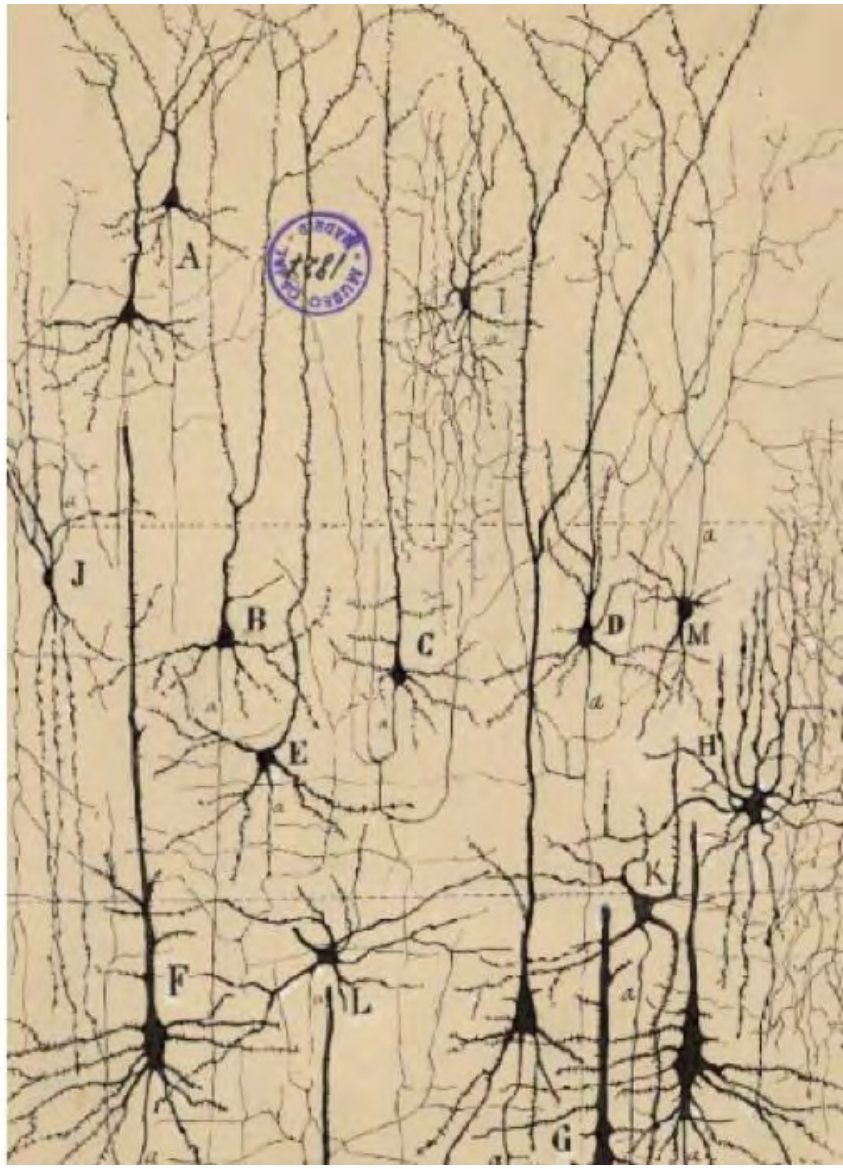
PLATE I. THE ARCHIMEDES AUTOMATIC WIND INSTRUMENTALIST.

British Museum MS., Or. Add. 23391.

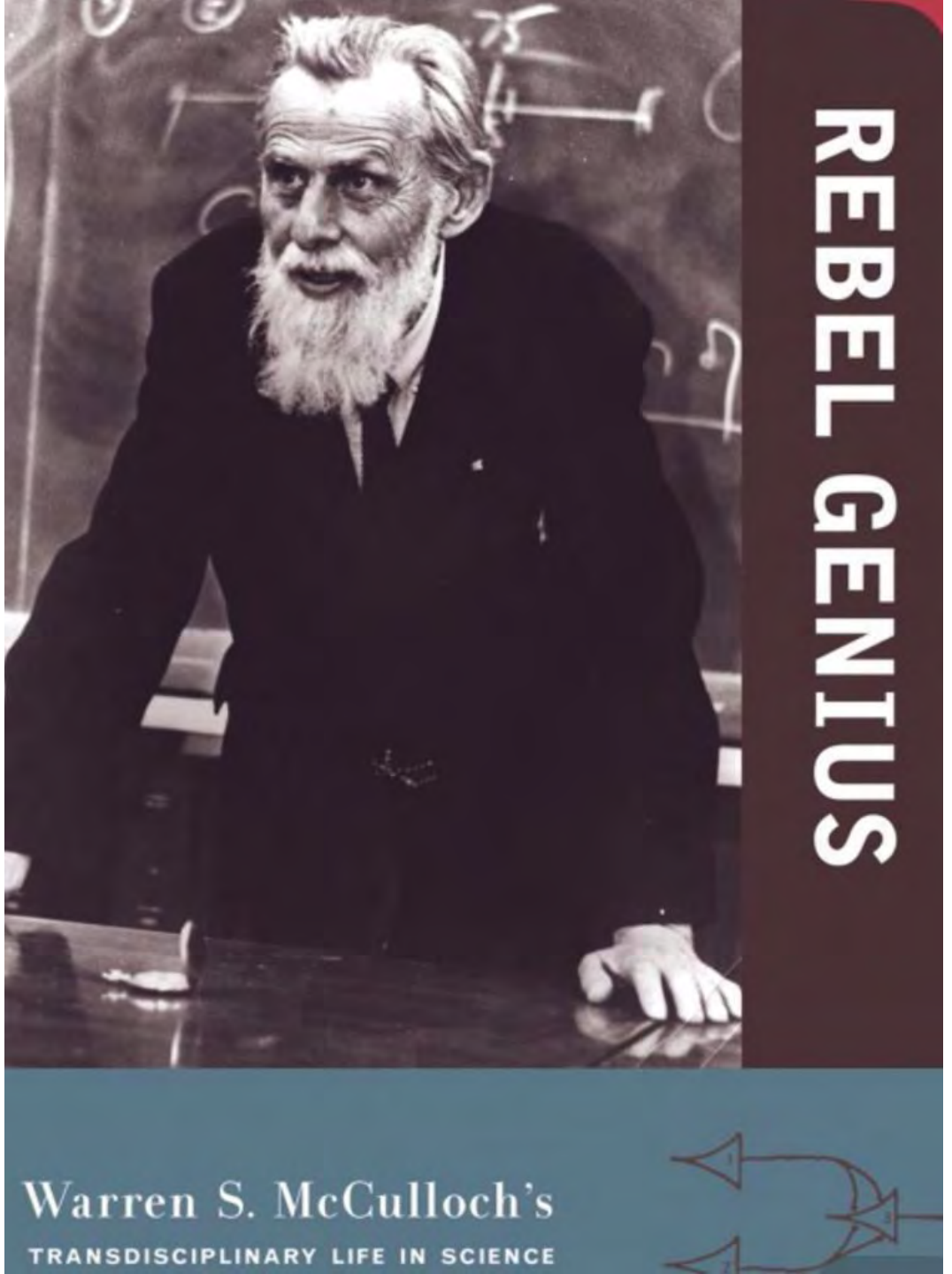
Compendium 820CE



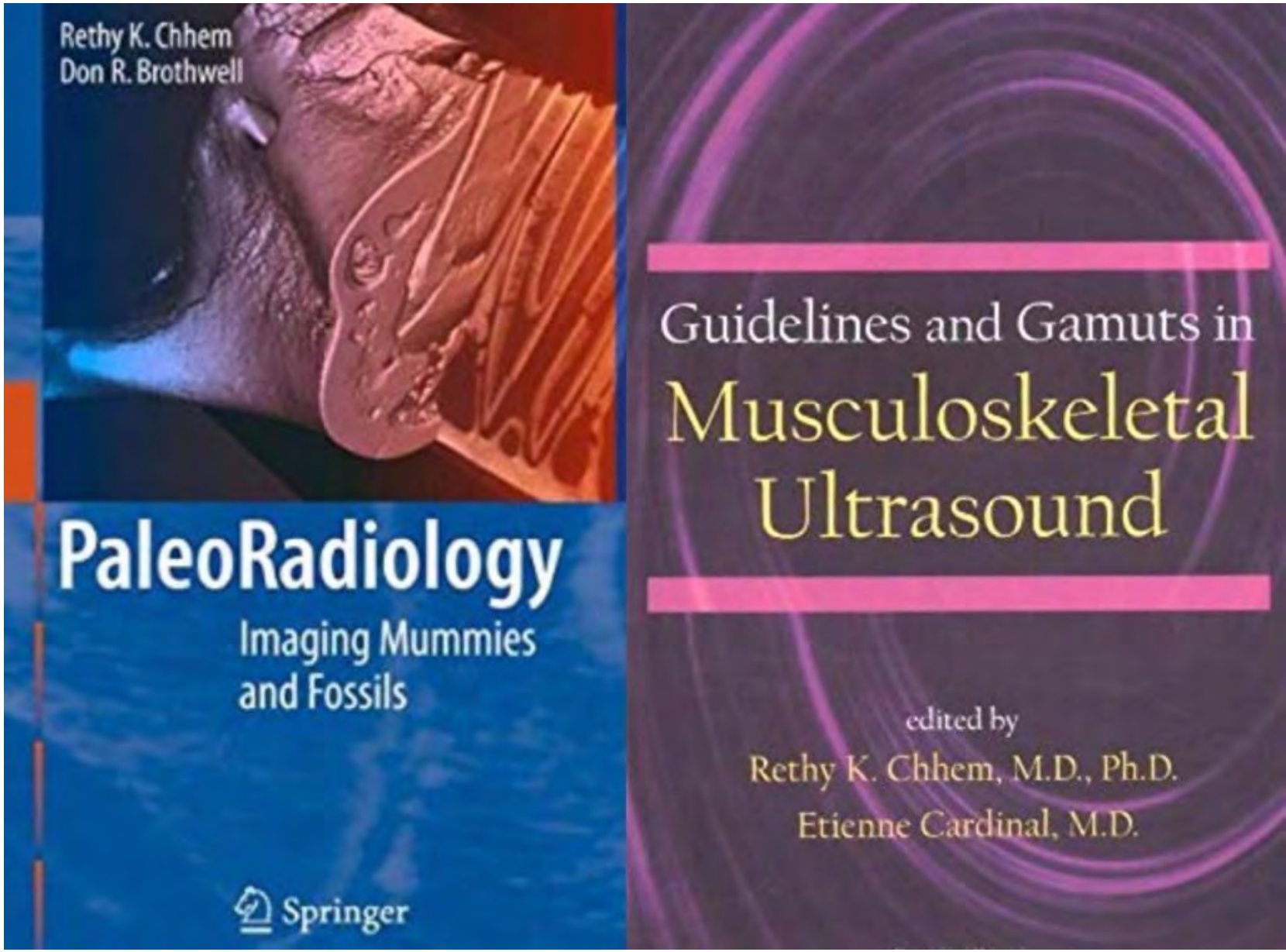
Santiago Cajal Nobel 1906



First Artificial Neuron
1943



Pattern Recognition
1998
Branch of ML



Fuzzy Logic 2007

Chemical Product and Process Modeling

Volume 2, *Issue* 3 2007 *Article* 6

Crisp and Fuzzy Optimisation Approaches for Water Network Retrofit

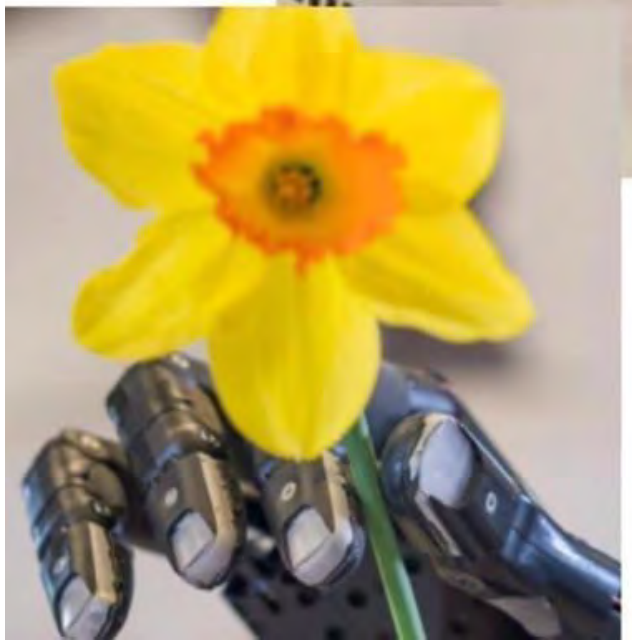
Seingheng Hul* Denny K. S. Ng† Raymond R. Tan‡

C oo††

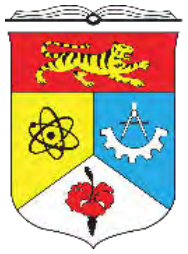
Oldest Version of Zero? 2015

This inscription, written in Old Khmer, reads "The Caka era reached year 605 on the fifth day of the waning moon." The dot (at right) is now recognized as the oldest known version of our zero. (Amir Aczel)

Intelligent Mechatronics



*picture credits available upon request



UNIVERSITI KEBANGSAAN MALAYSIA
The National University of Malaysia

Disruptive Technology Shaping Our Future

Sawal Hamid Md Ali

Universiti Kebangsaan Malaysia

8th November 2018

Outline

- Trends in disruptive technology
- Project examples
  - Automatic Calorie Estimation System – Smart Glass
  - Human Emotion Recognition System – Smart Car
  - Smart and Sustainable Campus – Smart City

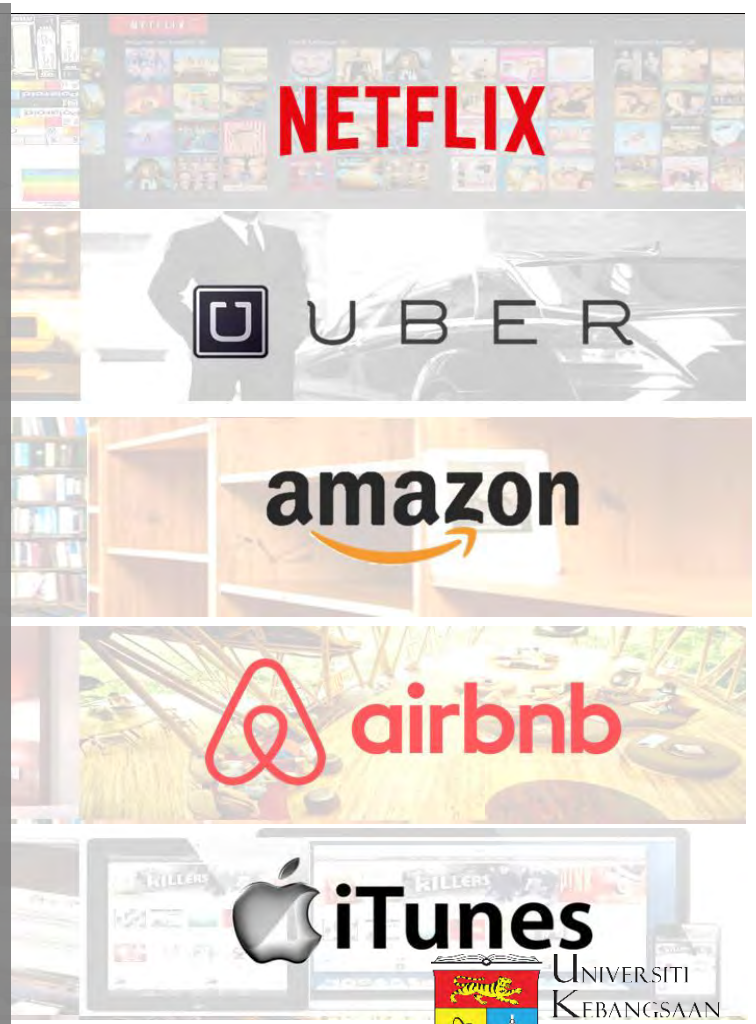
"Change is the only constant"

Disruptive Technology

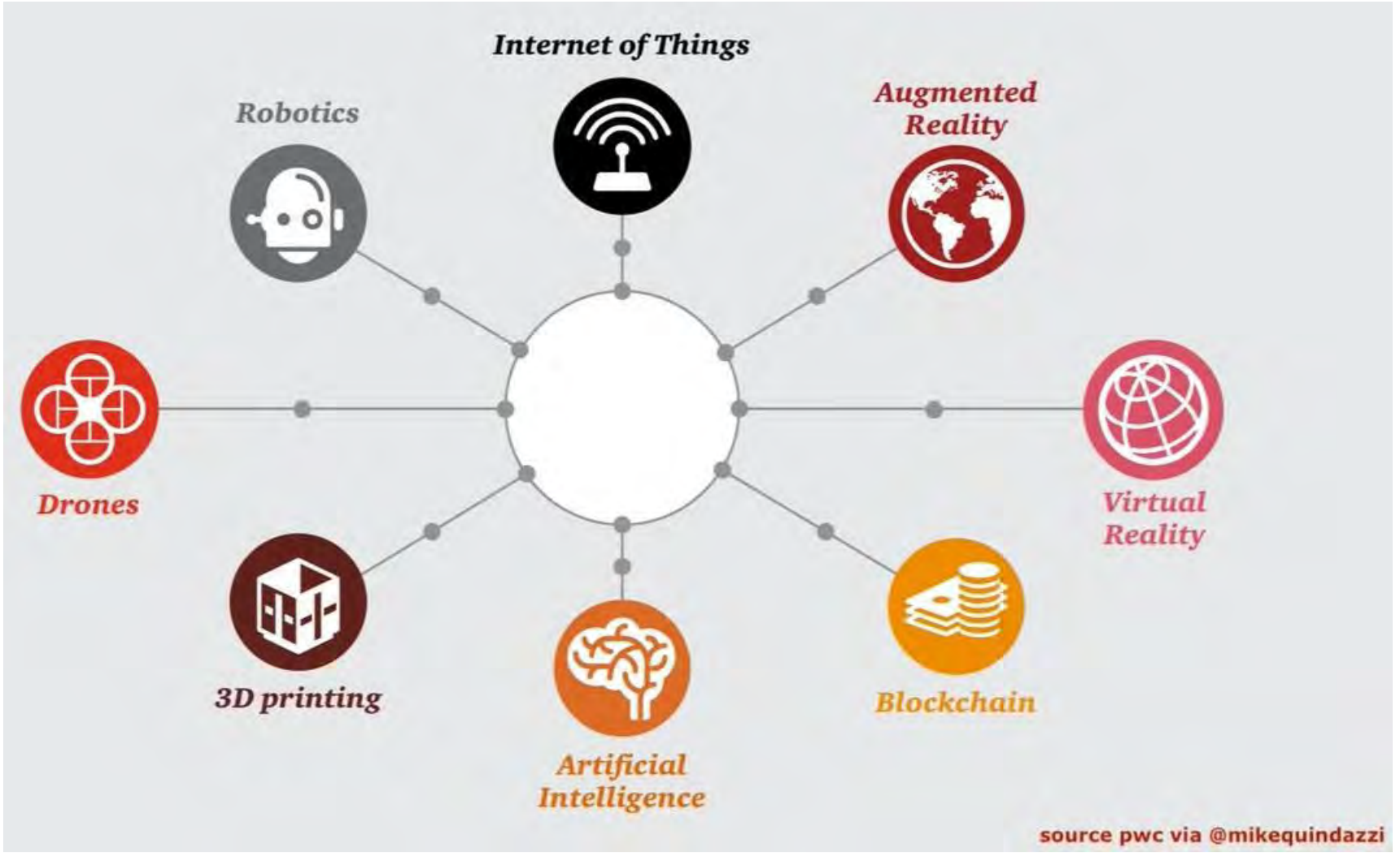
"Some people don't like change, but you need to embrace change if the alternative is disaster"

– ELON MUSK

(Tesla Motors; PayPal)



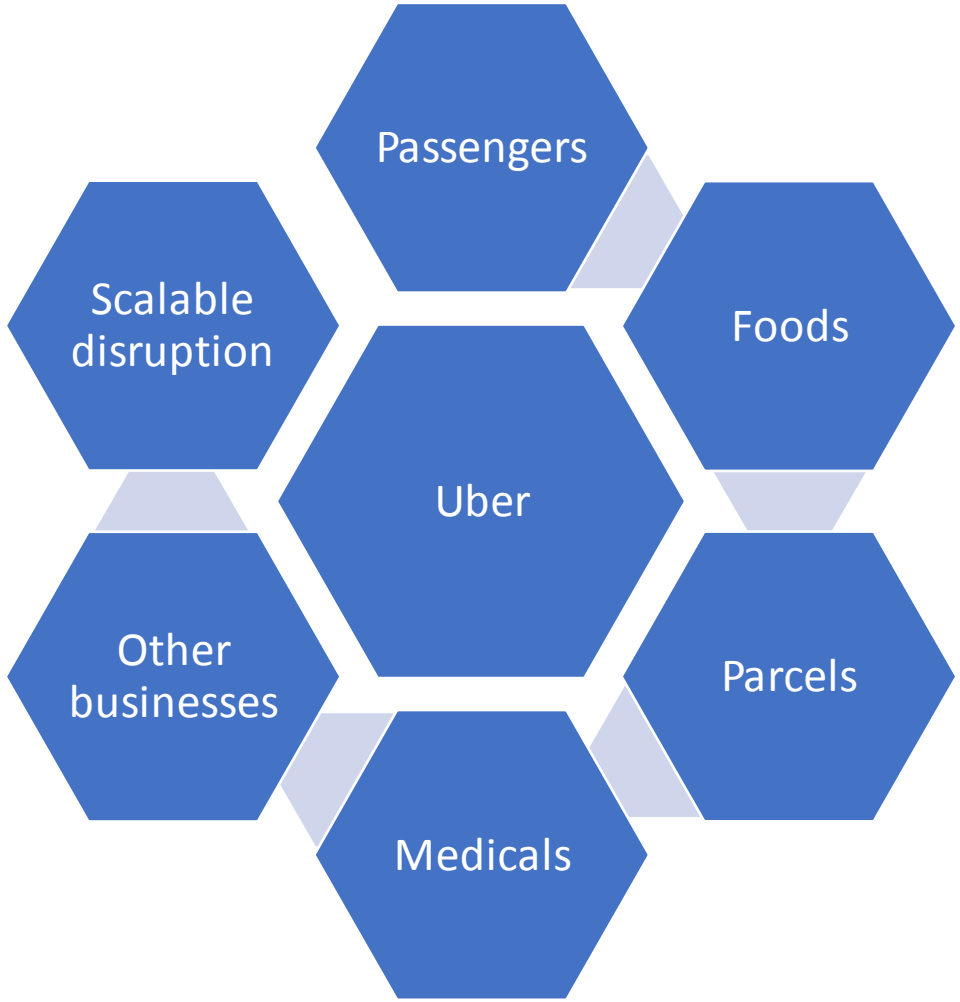
Disruptive Technology



Scalable Disruption

Remember Kodak?
- Too slow to realize digital switch
- The collapse of film

What about UPS? Fedex? Or other delivery services?



Project Example

Automatic Calorie Estimation System

Problem Statement

Hungry

Eat too much

Calorie ?

Dietary Assessment

Manual diary

Self logging

Research Objectives

- To design a fully automatic food intake monitoring system.
- To develop a real time food detection algorithm targeted at Malaysian local food.
- To develop high accuracy food volume and calorie estimation method.

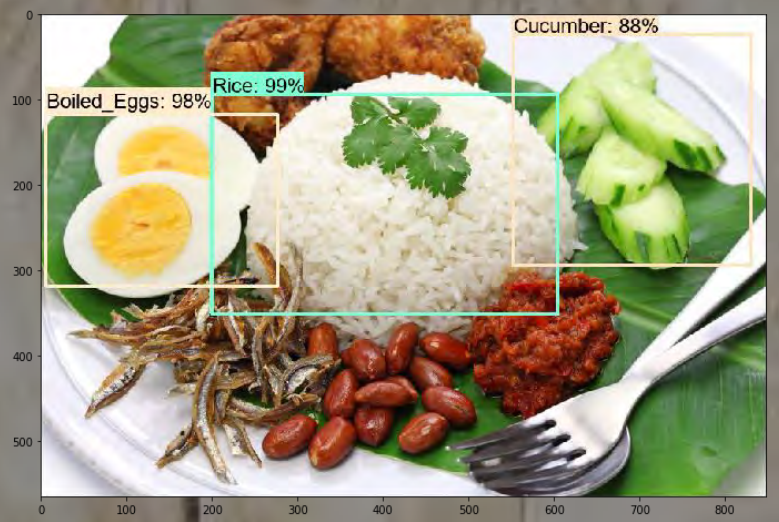
Malaysian Food Dataset

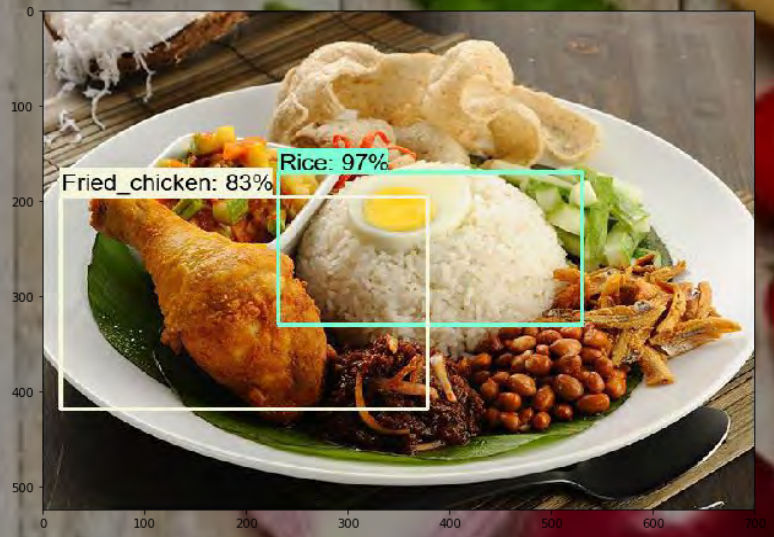
A new dataset for Malaysian local foods. 5800 food images from 11 categories.

Plate/Food Name	Number of Images
Nasi Lemak	170
Nasi Goreng (Fried Rice)	284
Mee Goreng (Fried Noodles)	295
Curry Puffs	514
Cucumber	229
Tomatoes	171
Chili Pepper	332
White Rice	141
Fried Chicken	517
Boiled Eggs	122
Fried Eggs	307

Object Detection and Classification

- Based on deep learning algorithm (CNN)
- Using TensorFlow algorithm developed by Google
- Output: Object detection areas and identification





Automatic Food Recognition and Calorie Estimation

Screenshot from developed App

App under development

Smart Glass Prototype
- FoodEye

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Project Example

Intelligent Safe Driving System based on Human Emotion Recognition, Profiling and Prediction

Cause of death

MALAYSIA TOTAL DEATHS BY CAUSE
PERCENT TOP 50 CAUSES

	Deaths	%		Deaths	%
1. Coronary Heart Disease	29,363	23.10	26. Drownings	928	0.73
2. Stroke	15,497	12.19	27. Stomach Cancer	863	0.68
3. Influenza and Pneumonia	11,773	9.26	28. Other Neoplasms	794	0.62
4. Road Traffic Accidents	6,813	5.36	29. Suicide	772	0.61
5. Lung Disease	6,797	5.35	30. Pancreas Cancer	769	0.60
6. HIV/AIDS	4,846	3.81	31. Fires	744	0.59
7. Diabetes Mellitus	4,760	3.74	32. Violence	650	0.51
8. Lung Cancers	4,088	3.22	33. Peptic Ulcer Disease	648	0.51
9. Other Injuries	3,804	2.99	34. Ovary Cancer	638	0.50
10. Kidney Disease	2,768	2.18	35. Meningitis	625	0.49
11. Breast Cancer	2,535	1.99	36. Skin Disease	619	0.49
12. Colon-Rectum Cancers	2,278	1.79	37. Cervical Cancer	614	0.48
13. Liver Cancer	1,733	1.36	38. Rheumatic Heart Disease	501	0.39
14. Hypertension	1,684	1.32	39. Prostate Cancer	496	0.39
15. Asthma	1,642	1.29	40. Parkinson's Disease	464	0.36
16. Falls	1,611	1.27	41. Appendicitis	387	0.30
17. Tuberculosis	1,554	1.22	42. Birth Trauma	387	0.30
18. Inflammatory/Heart	1,444	1.14	43. Oesophagus Cancer	325	0.26
19. Liver Disease	1,361	1.07	44. Hepatitis B	315	0.25
20. Congenital Anomalies	1,360	1.07	45. Diarrhoeal diseases	312	0.25
21. Lymphomas	1,119	0.88	46. Bladder Cancer	261	0.21
22. Leukemia	1,073	0.84	47. Epilepsy	229	0.18
23. Oral Cancer	1,060	0.83	48. Uterin Cancer	219	0.17
24. Endocrine Disorders	1,044	0.82	49. Poisonings	196	0.15
25. Low Birth Weight	1,033	0.81	50. Alcohol	173	0.14

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Laboratory proof of concept

- In-Lab experiment (Audio Visual stimuli)
- Simulator based experiment (Driving game)

Laboratory proof of concept

- Experiment protocol

IN SECOND	180	25	40	25	70	25	314
START	Neutral Digital Images Soothing Music	Cooling Period Black Screen	Happy 8 Digital Images	Cooling Period Black Screen	Happy 1 Video Clip	Cooling Period Black Screen	Happy 1 Video Audio Clip

IN SECOND	25	40	25	95	25	129	180
START	Cooling Period Black Screen	Anger 8 Digital Images	Cooling Period Black Screen	Anger 1 Video Clip	Cooling Period Black Screen	Anger 1 Video Audio Clip	Recovery Eyes Closed

- Number of subjects: 69 (aged 20-35)
- Validation: Survey answered by subjects
- Recognition accuracy(with ECG & SCR signals): 90%

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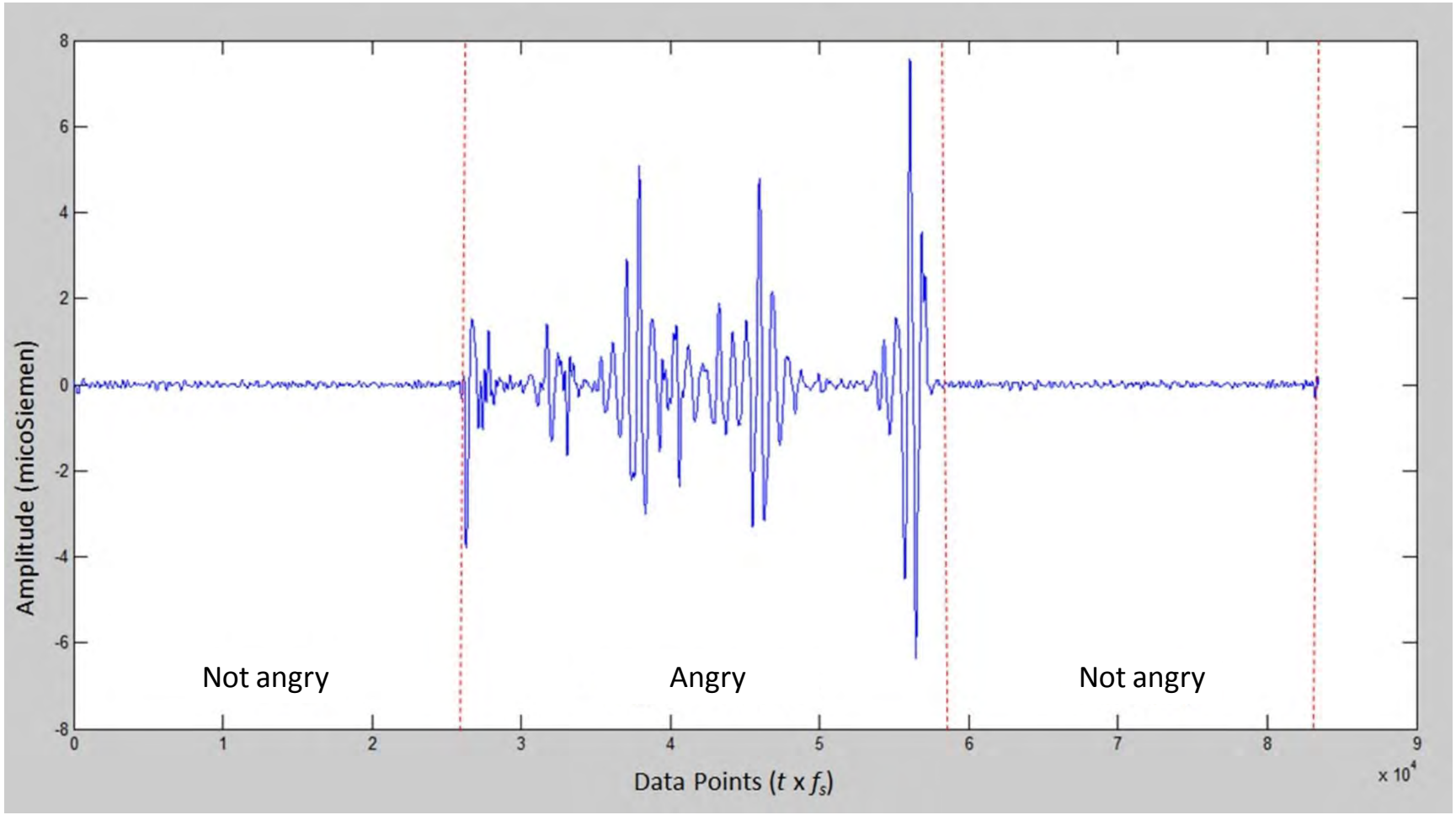
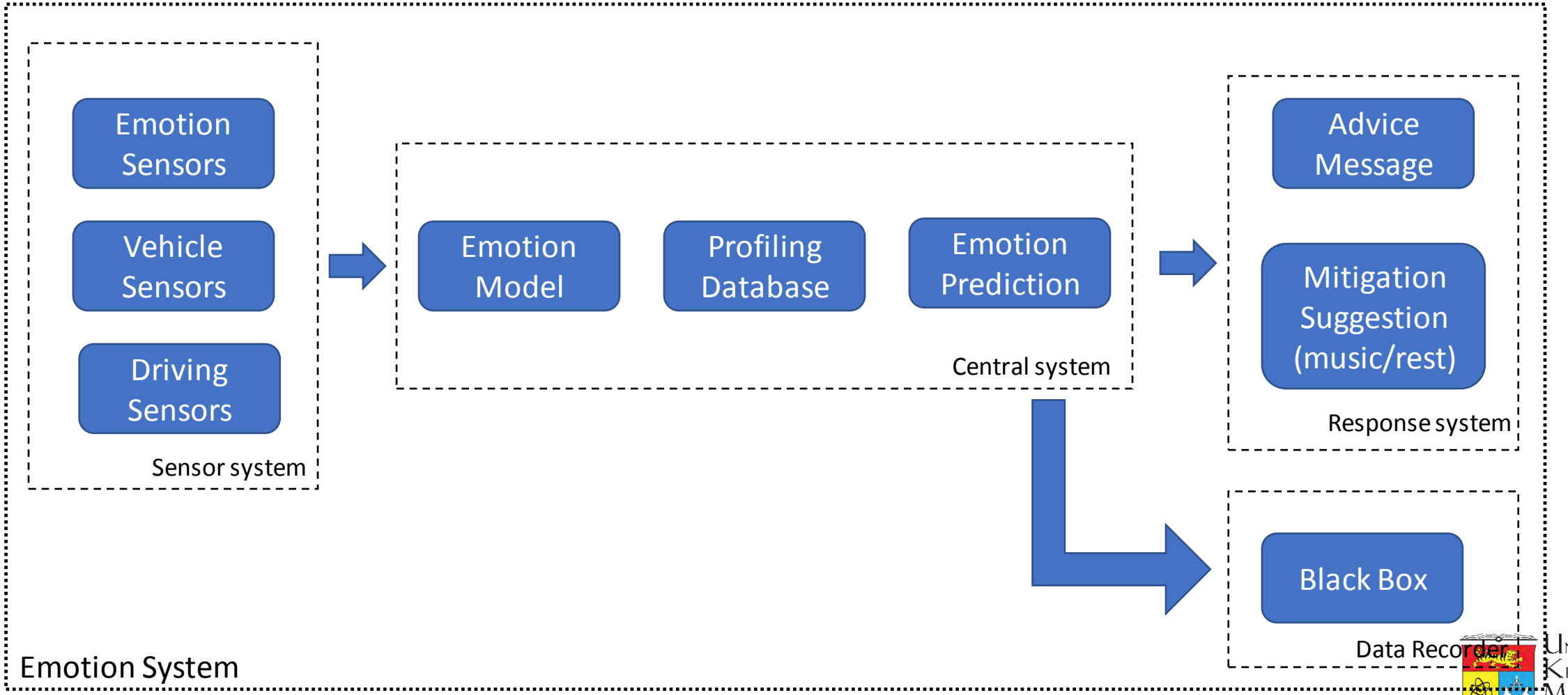
Laboratory proof of concept

Example of emotion pattern - SCR

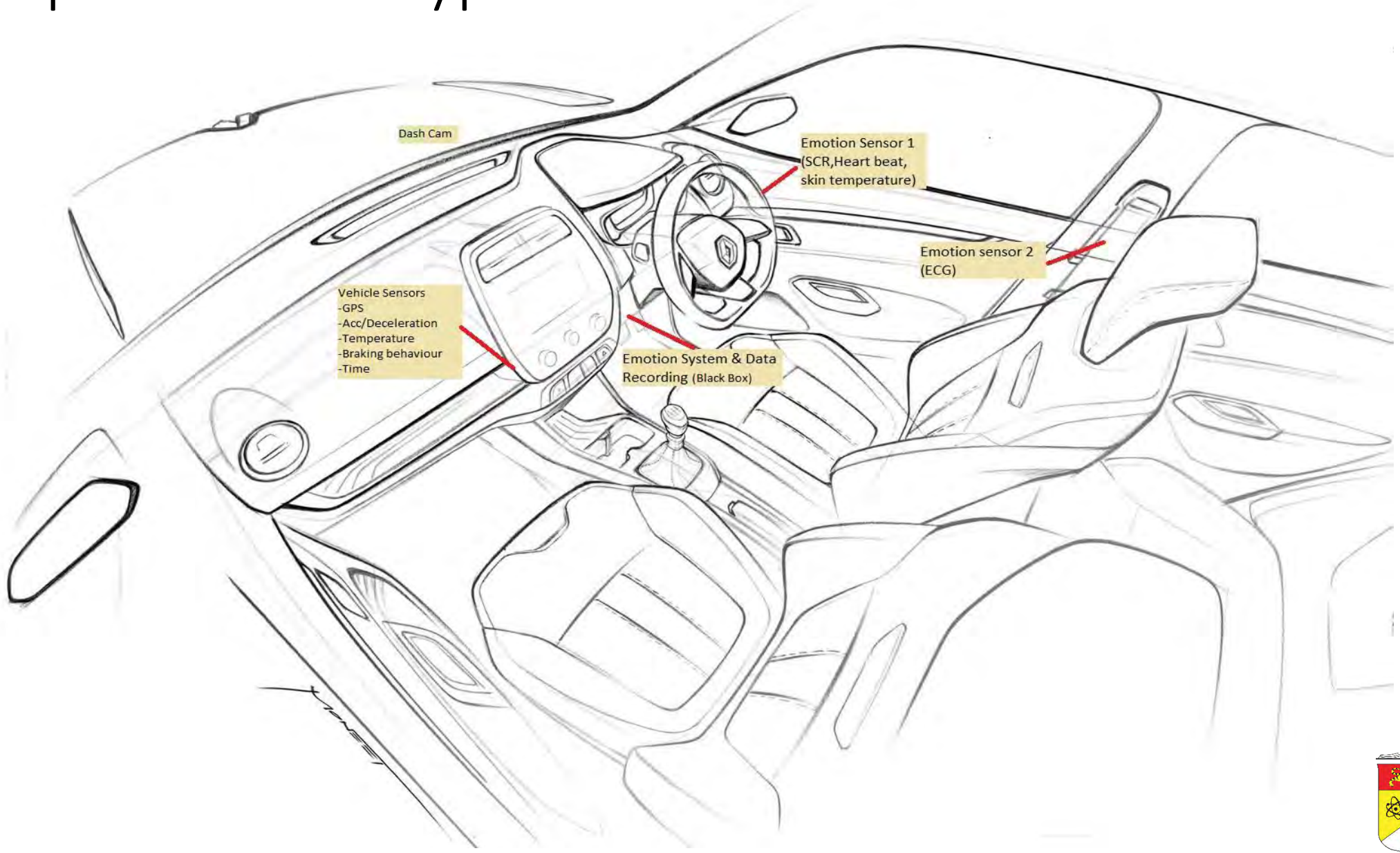


Proposed Prototype

System block



Proposed Prototype



Project Example

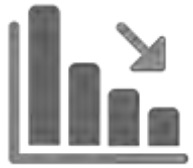
Smart and Sustainable Mobility System Towards Carbon Neutrality Campus

PROBLEM STATEMENTS

C CONSEQUENCES

P PROBLEMS

R ROOT CAUSES



PRODUCTIVITY

CARBON EMISSION

OVERHEAD

WELLBEING

TRAFFIC CONGESTION

INEFFICIENT WASTE MANAGEMENT

WASTAGE OF RESOURCES

LACK OF EDUCATION

HABITS

LACK OF HOLISTIC DESIGN

Smart and Sustainable Mobility System Towards Carbon Neutrality Campus

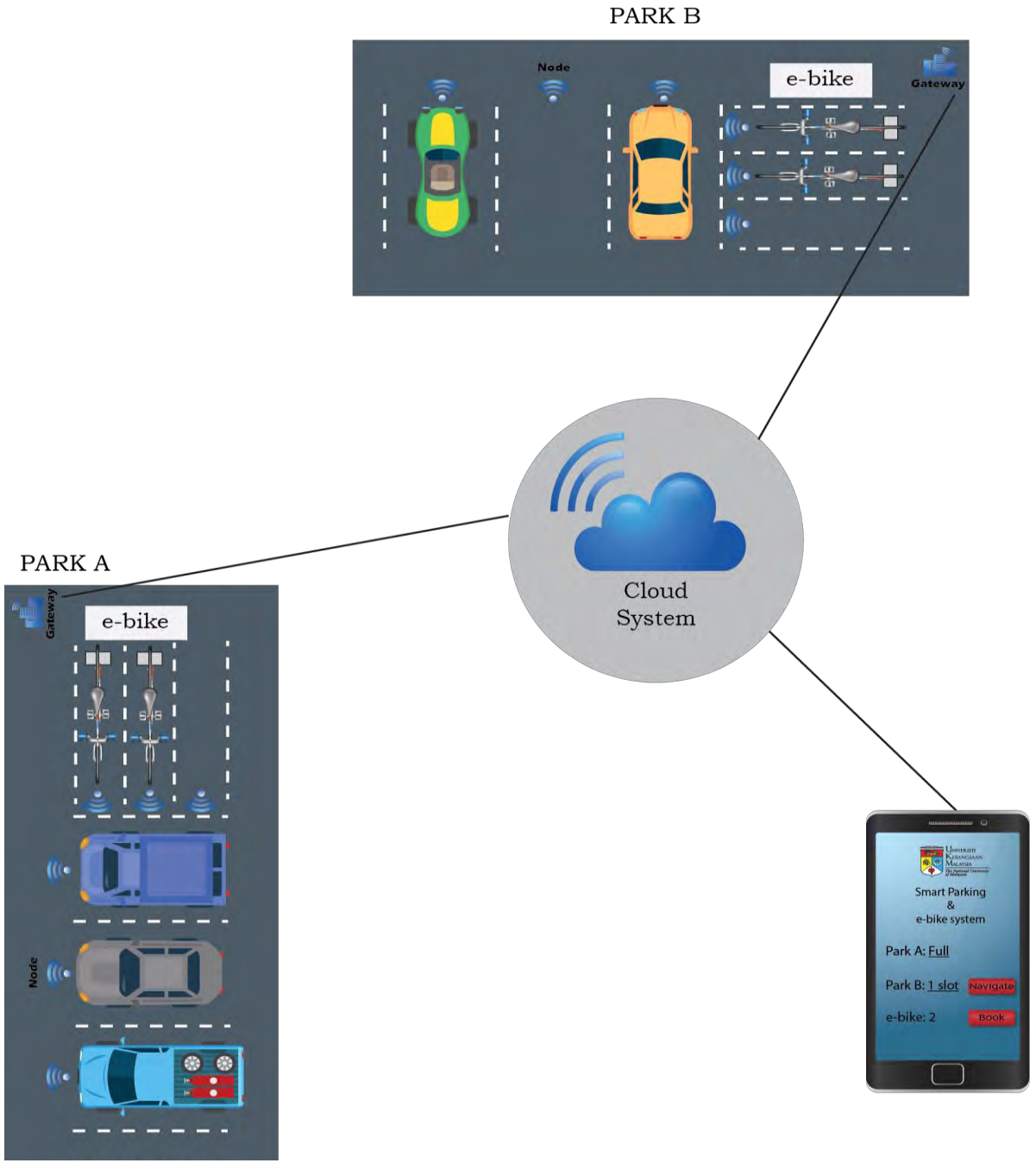
Main Objective

- To reduce 40% carbon reduction in the campus through smart parking and transportation system

Objective

- To develop a real-time parking information system with inter-connectivity transport
- To develop internet of bike solution for e-bike connectivity in the campus
- To achieve 40% reduction of Carbon Emission in the Campus
- To evaluate social readiness in adapting smart and sustainable living

Project Overview



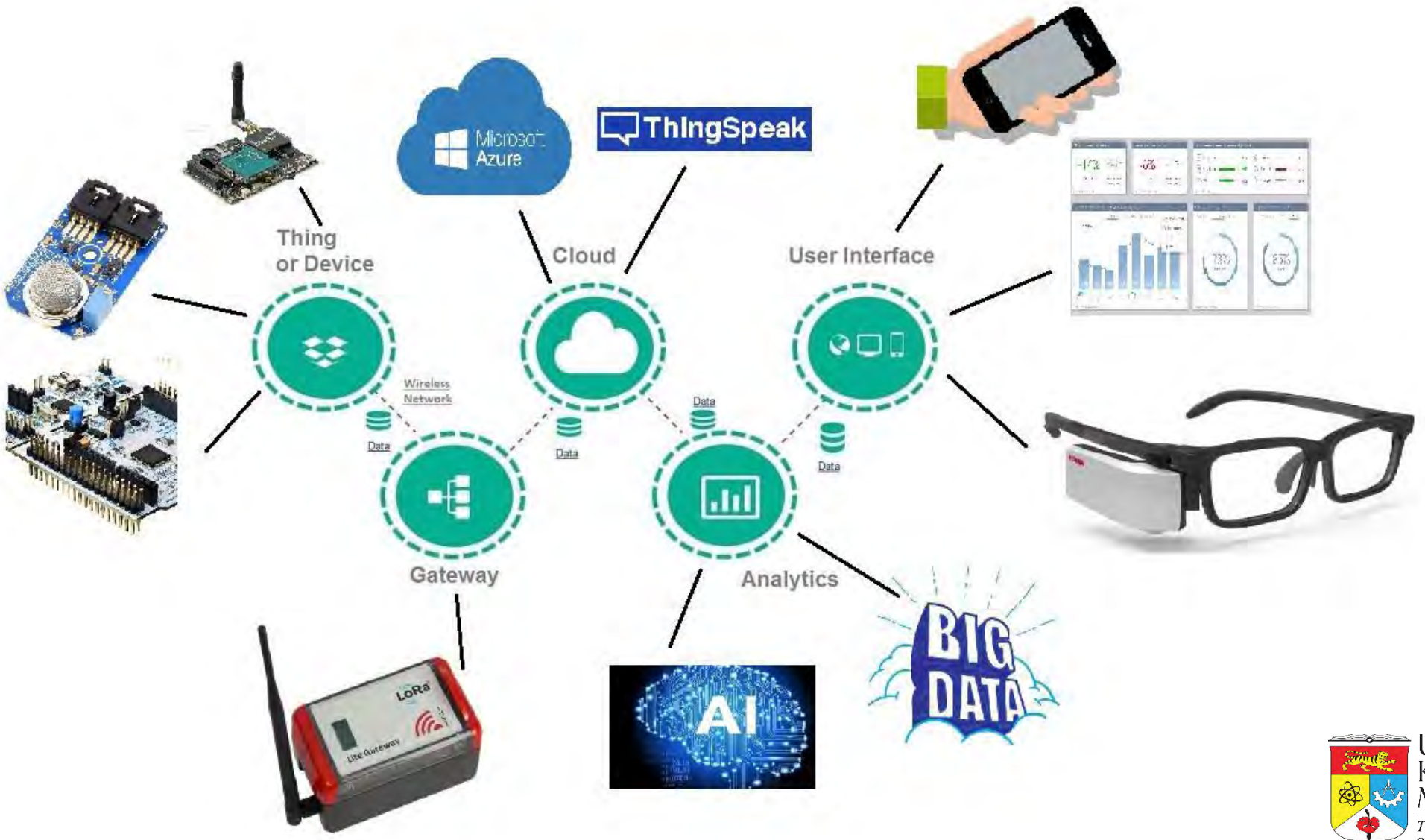
Project Components – e-bike

- e-bike health information
- Ultracapacitor for fast charging
- Less dependent on charging station
- Alternative source of energy

- Location perimeter restriction
- Locking system
- e-bike sharing/booking system
- Smart power management

Final Remarks

Technological solution for your research



Your solution partners

- Need help to Integrate technology ?
- Internet of Things solution?
- Proposal writing?
- Technology development?
- Technology advice?
- Knowledge transfer?
- Cloud based service?
- Sensors development?
- Smartphone application development? Wearable device?

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“It is not the strongest of the species that survives

Nor the most intelligent that survives

It is

the one that is most adaptable to change”

- *Charles Darwin*

Thank You

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Intelligent Mechatronics

Dr. SRANG Sarot,
Head of Dynamics and Controls Laboratory,
Head Research Unit of Mechatronics and Information Technology

Institute of Technology of Cambodia

Intelligent Mechatronics?

Intelligent Mechatronics = **Mechatronics** + **Artificial Intelligence**

- Automation
- Robotics
- Control System
- System Design
- System Modeling

- Search and Optimization
- Machine Learning
- Deep Learning and Re-enforcement Learning
- Identification & Estimation

Projects on Mechatronic Systems

Play all videos

AWARDS

SCARA Robot

Used for

- Moving or shorting parts
- Drilling holes
- Cutting metal
- Assembly

4DOF Robot Manipulator

Simulation result (see animation)

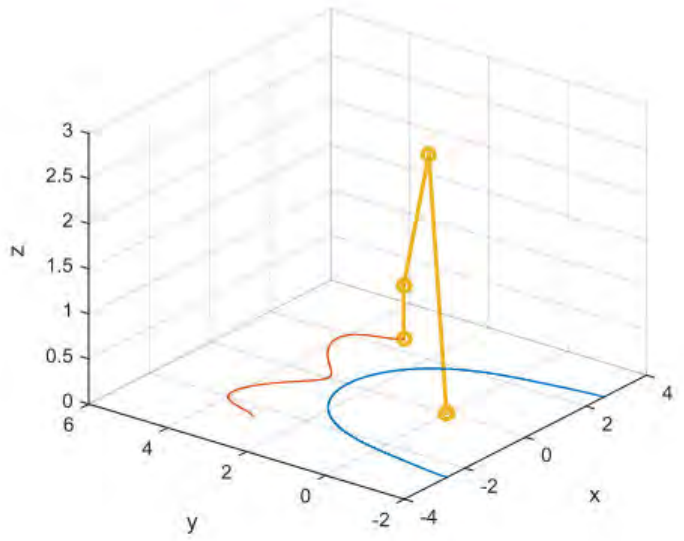


Figure: A snapshot of trajectory tracking

4DOF Robot Manipulator (cont.)

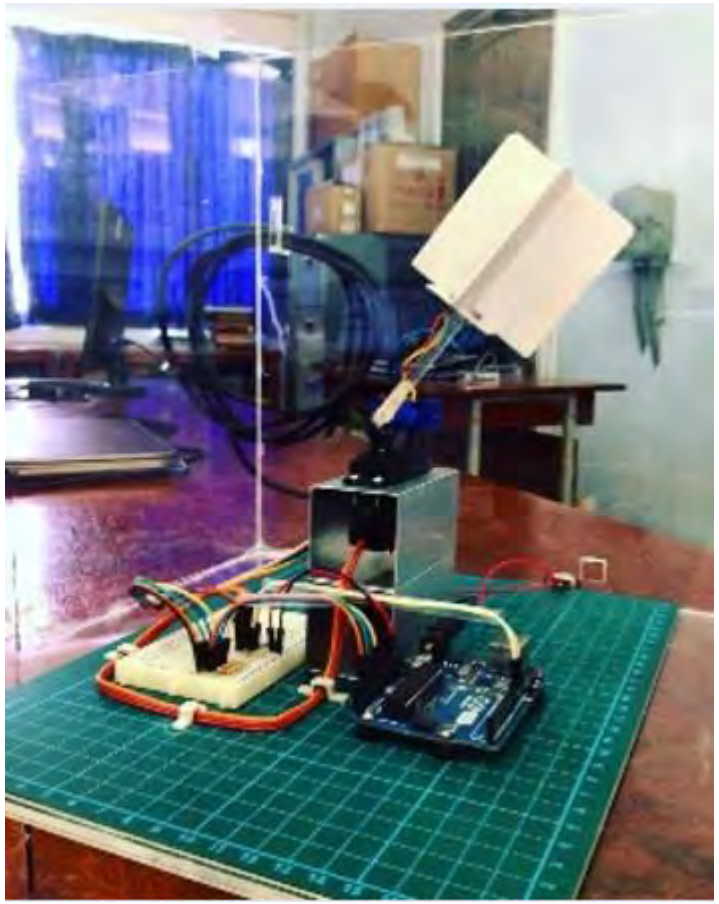
Used for

- Moving or shorting parts
- Drilling
- Metal cutting
- Assembly

Dual Axis Solar Tracker

Used for

- Increasing solar energy collection
- Object tracking

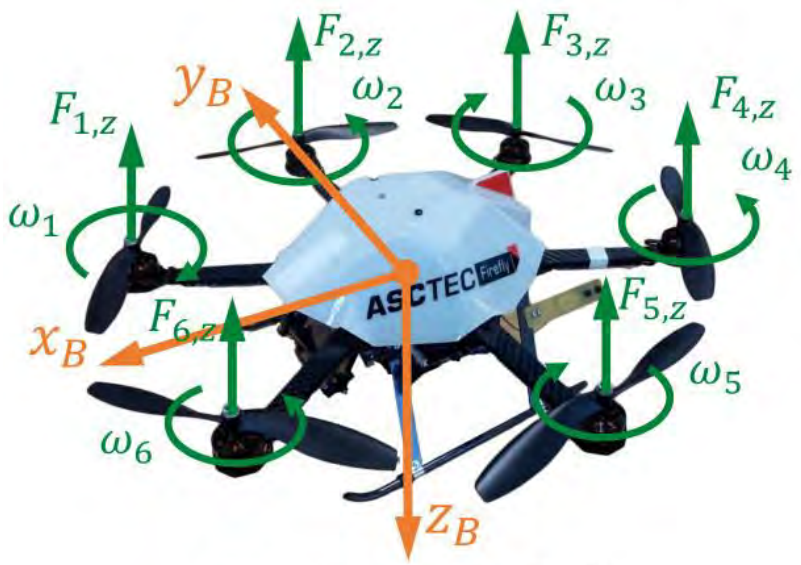


Apparatus

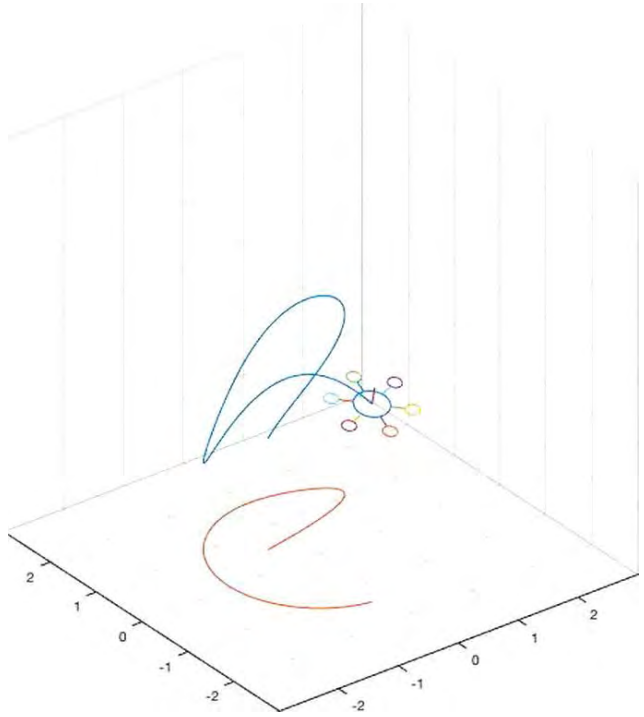
Drones: hexacopter

Used for

- Farm monitoring
- Surveillance
- Transporting goods
- etc…



Hexacopter - AscTec Firefly

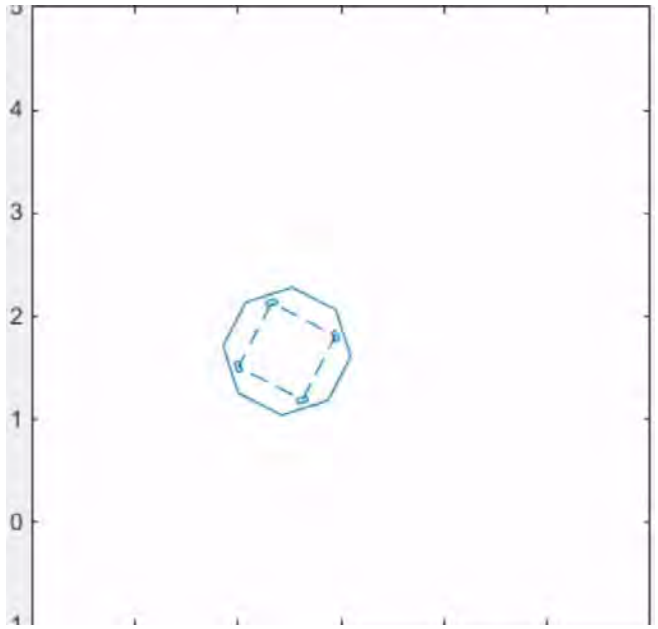


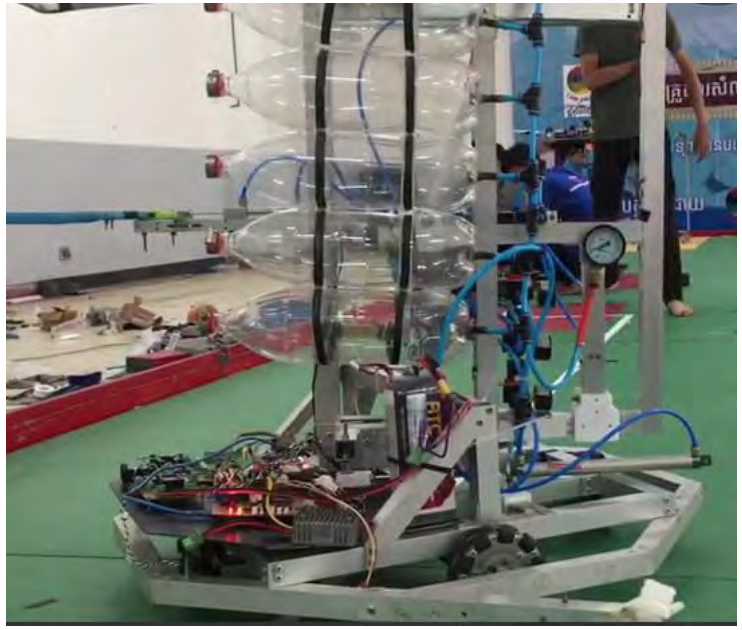
Animation

Mobile Robot using Omni Wheel

Used for

- Transporting and arranging goods in warehouse






ABU Asia-Pacific
Robot Contest 2018
Ninh Binh,Vietnam
Panasonic
AWARD
26th August, 2018
ABU Asia-Pacific
Robot Contest
Organising Committee


ABU ASIA-PACIFIC ROBOT CONTEST
ROBOCON
2018
2nd RUNNER UP

Interest for future research

- 5-DOF and 6-DOF Robot Manipulator (for multipurpose use)
- 7-DOF Robot Manipulator (like human arm)
- 4 legs and Biped Robot (walking robots)
- Integrating AI with robot

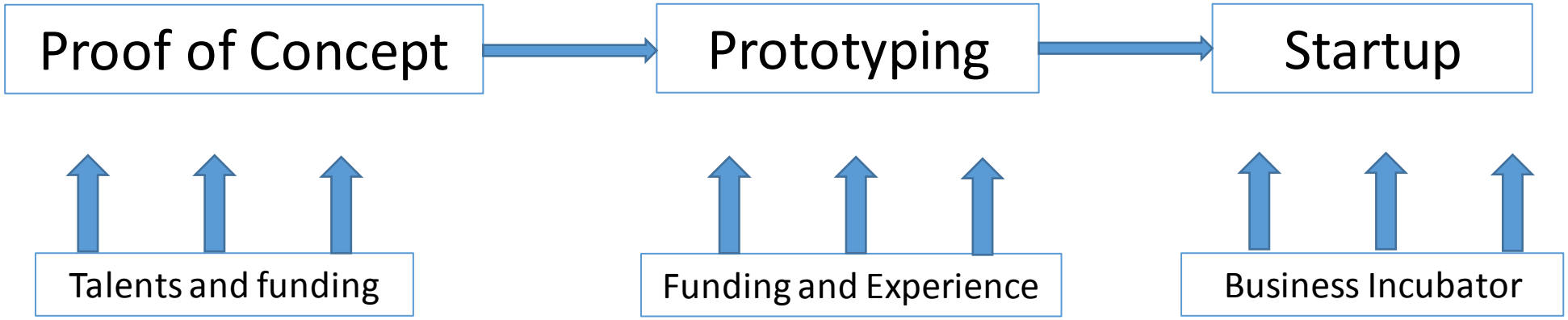
Where we want to go ?

Examples of Intelligence Mechatronic Products

Self driving car

Spot mini (pet robot)

From Research to Business



Thank you!

/slash

Building AI applications from Cambodia

Prepared for **Cambodia Development Resource Institute**
Phnom Penh

Last updated: 8 November 2018

Hi.

My name is Andries De Vos

CEO of www.slash.co

/slash

www.slash.co

AI & Blockchain Studio

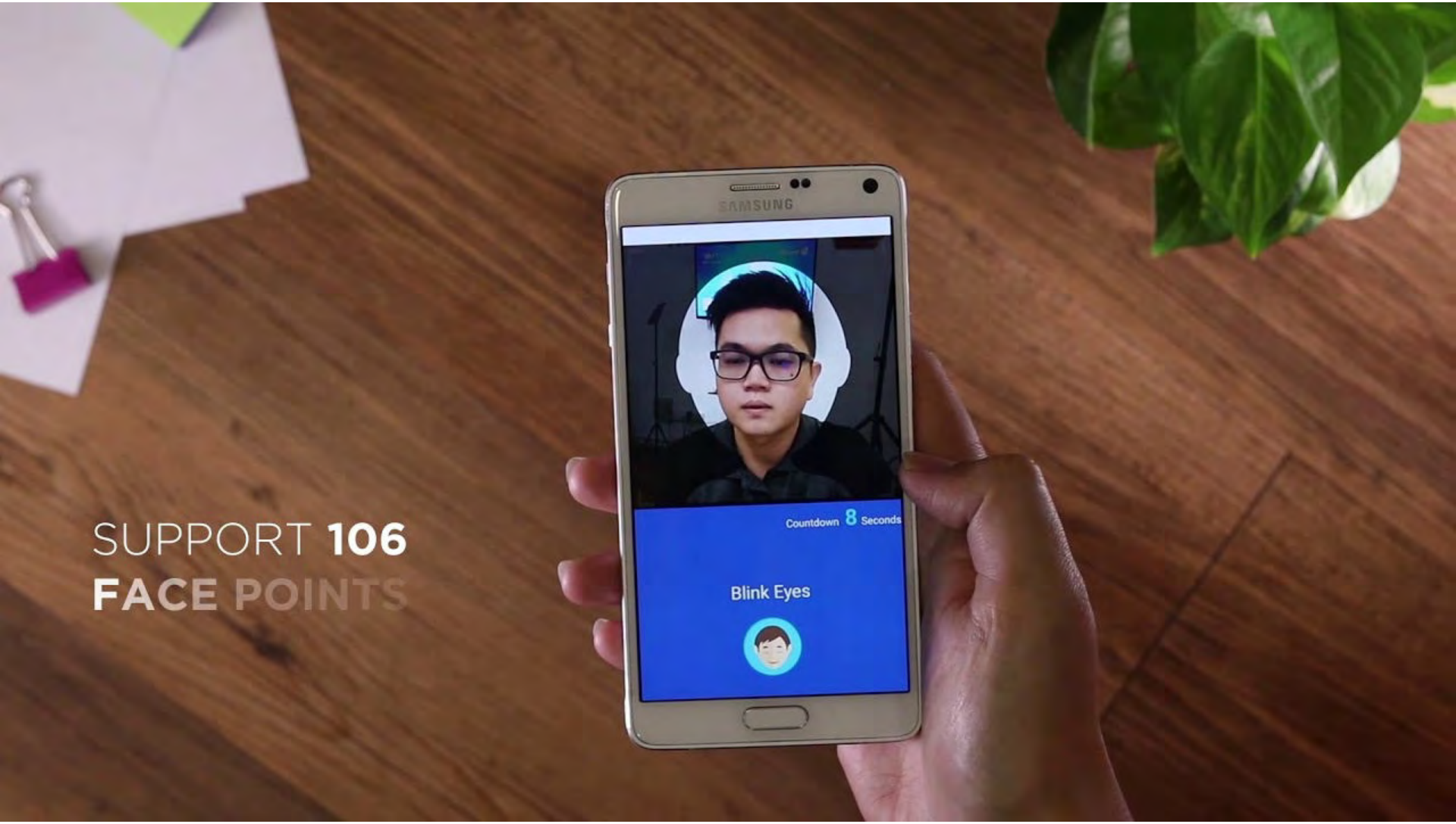
We help clients
We build startups

Researchers

Geeks / Hackers

PART 1
Building AI Applications from Cambodia

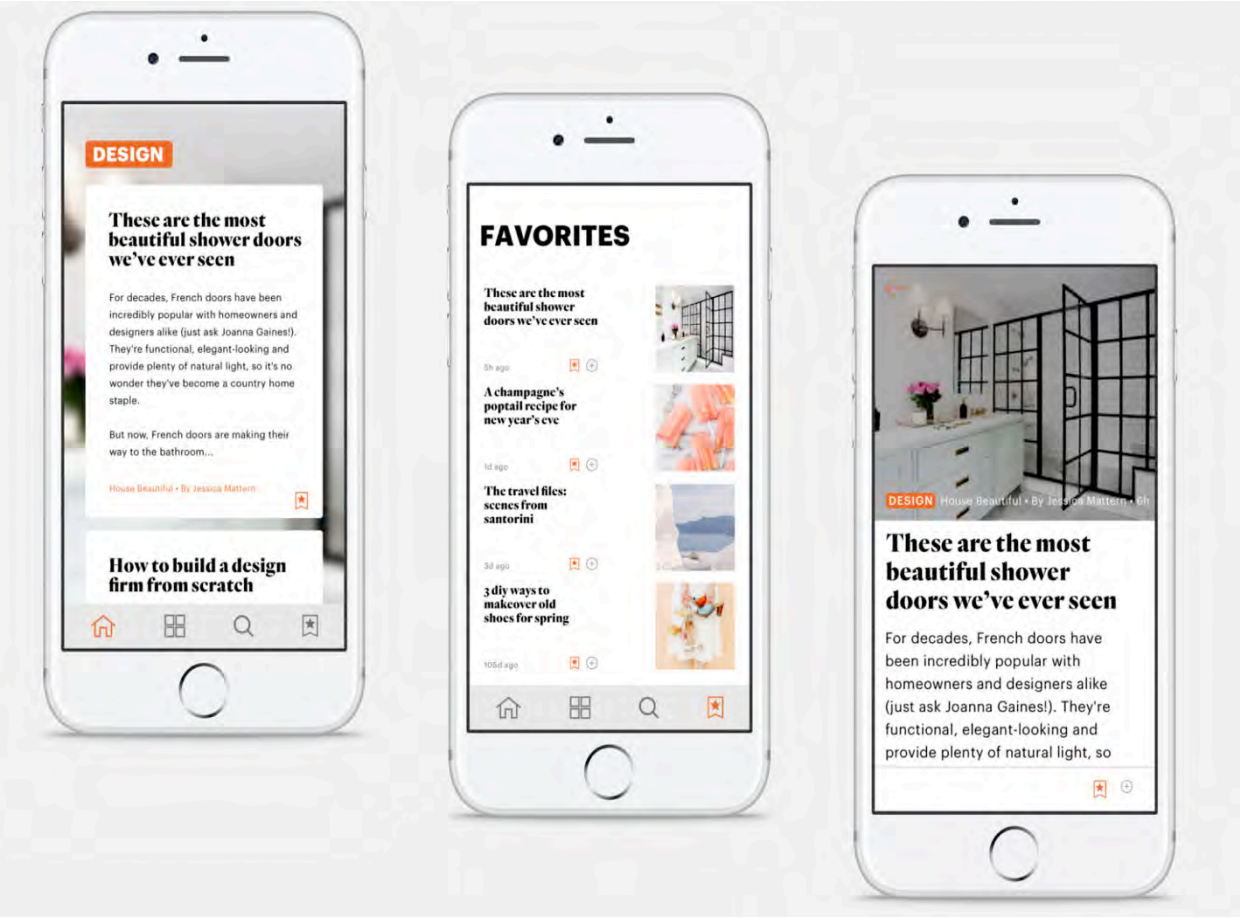
Identity >> Match

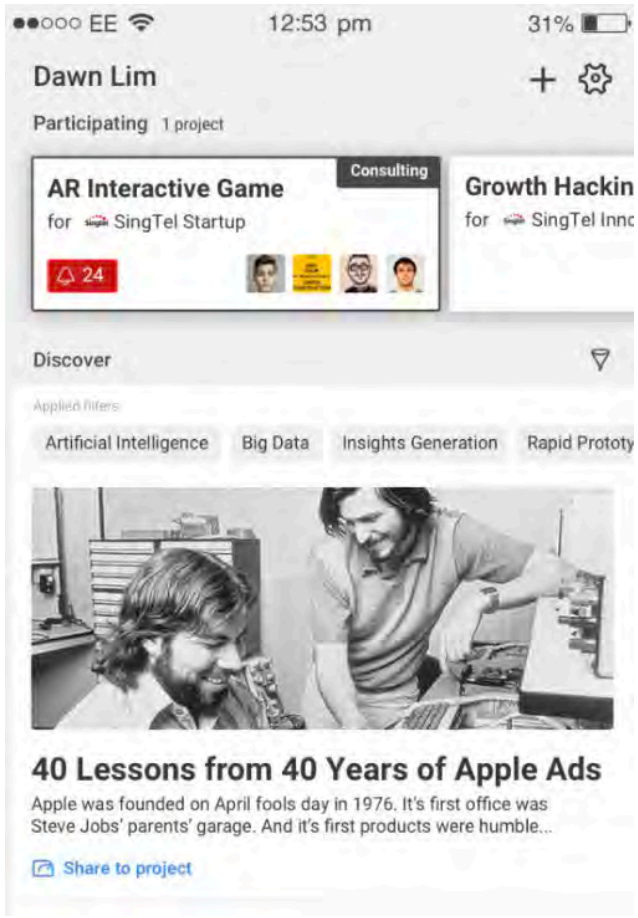


Screenshot from Innov8tif eKYC

/slash

News >> Categorize





Screenshot Archive News (left), Augmented Tribe (right)

/slash

Flood >> Predict

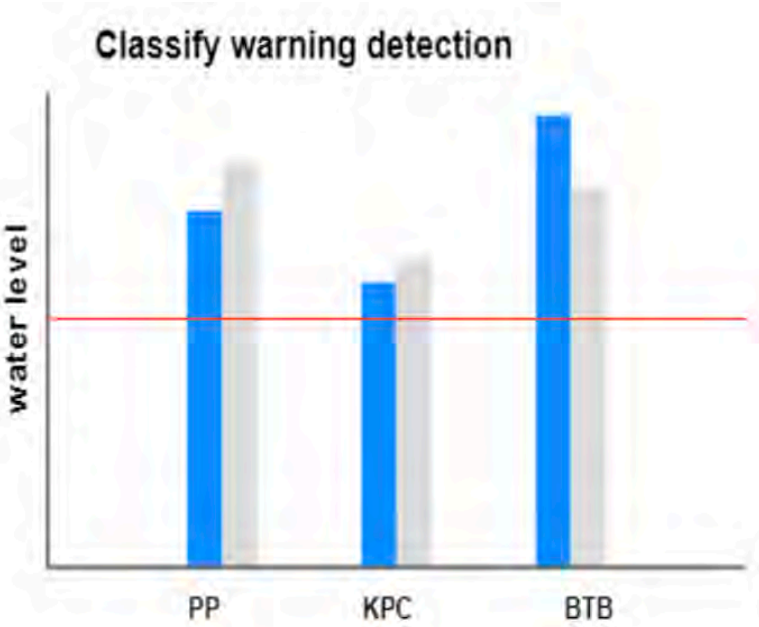


Image from Khmer Times (Aug 2018)
Screenshot demo Flood Detection

/slash

Fraud >> Detect

Image from Wipro

/slash

City >> Management

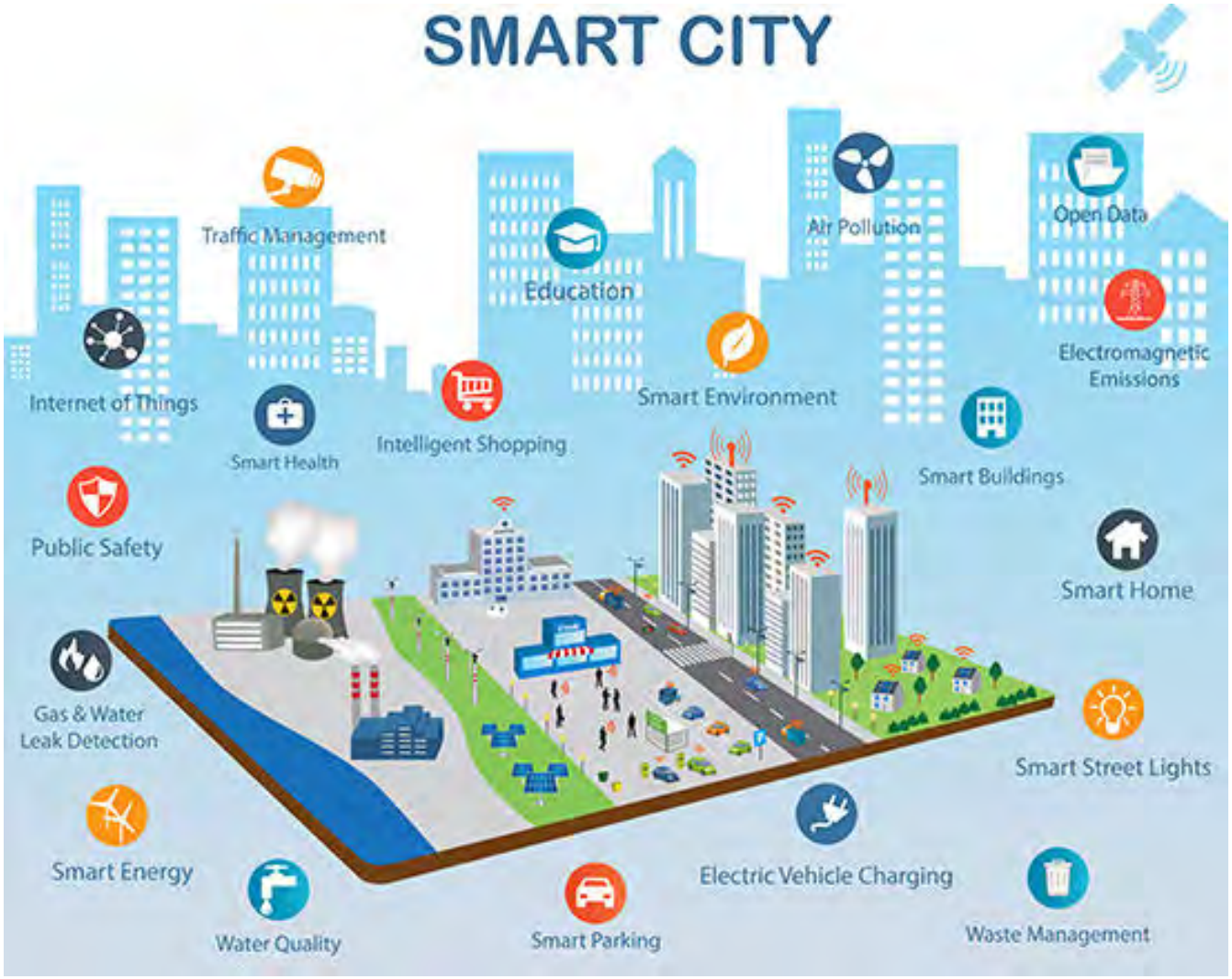


Image from Enrgytec

/slash

Chatbot >> Khmer

Image from Khmer Times (Mar 2018)

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PART 2
Developing AI Talent in Cambodia

2 challenges to start with AI

Access to Data

Access to Talent

Cambodia is still a paper society

Cambodia needs Data Strategies

Limited AI skills in Cambodia

www.cambodia.ai

/slash

AI Master course

AI in Cambodia = embryotic

But we are optimistic about AI Talent in Cambodia

Do you need a PhD in ML?

Not for applied AI.

Soon, applied AI will be less about research and PhDs

and more about Product Engineering and Data

Average AI engineer with a lot of data

IS BETTER THAN

top AI engineer with little data


access to
opportunities

/slash

We will allocate
AI engineers
for Cambodian market

Contact us ai@slash.co

CONTACT US

Andries De Vos, CEO
andries@slash.co

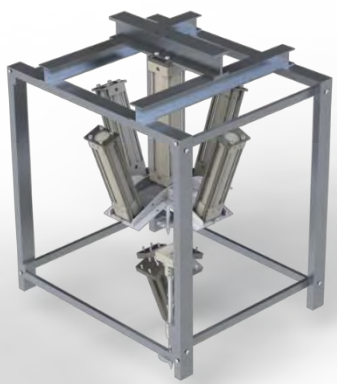
Demine Robotics

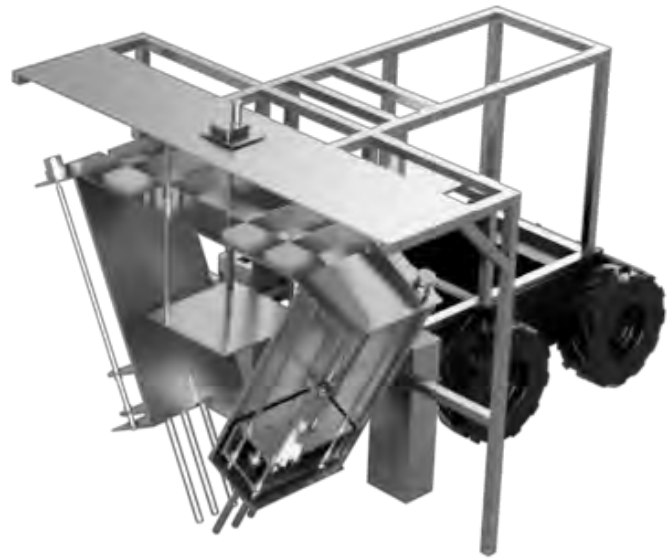

THERE ARE 60 MILLION
LANDMINES IN 70 COUNTRIES
FROM LANDMINE MONITOR REPORT,
IT COST $900 - $1000 PER
LANDMINE TO CLEAR

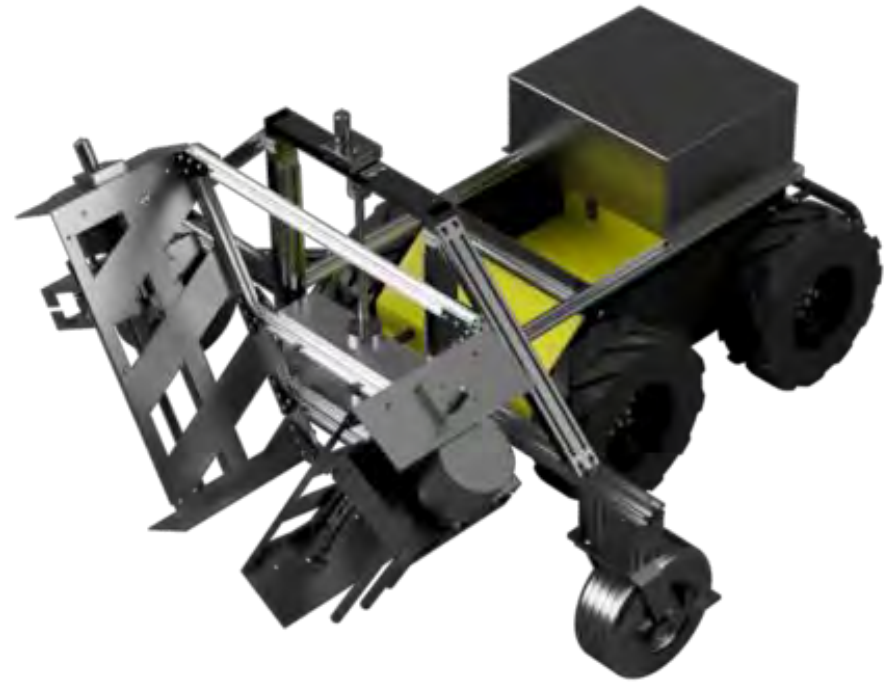
Detect

Retrieve

Destroy







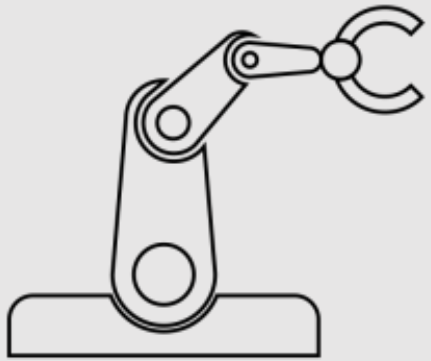
PCT International Patent Application No.
PCT/CA2017/051506

SPEED: 5 MINUTES

LIFTING FORCE: 5,000 kg

SAFETY: ZERO CASUALTY

UNIQUENESS



ROBOTIC EXCAVATION

SMALL, STRONG, SMART

MACHINE EFFICIENCY

MACHINE SENSITIVITY

DATA COLLECTION

1ST ANNUAL AI-CAMBODIA FORUM

CHHEM Siriwat

THE AUGEMENTED ERA

"In this new era, your natural human capabilities are going to be augmented by computational systems that help you think, robotic systems that help you make, and a digital nervous system that connects you to the world far beyond your natural senses"

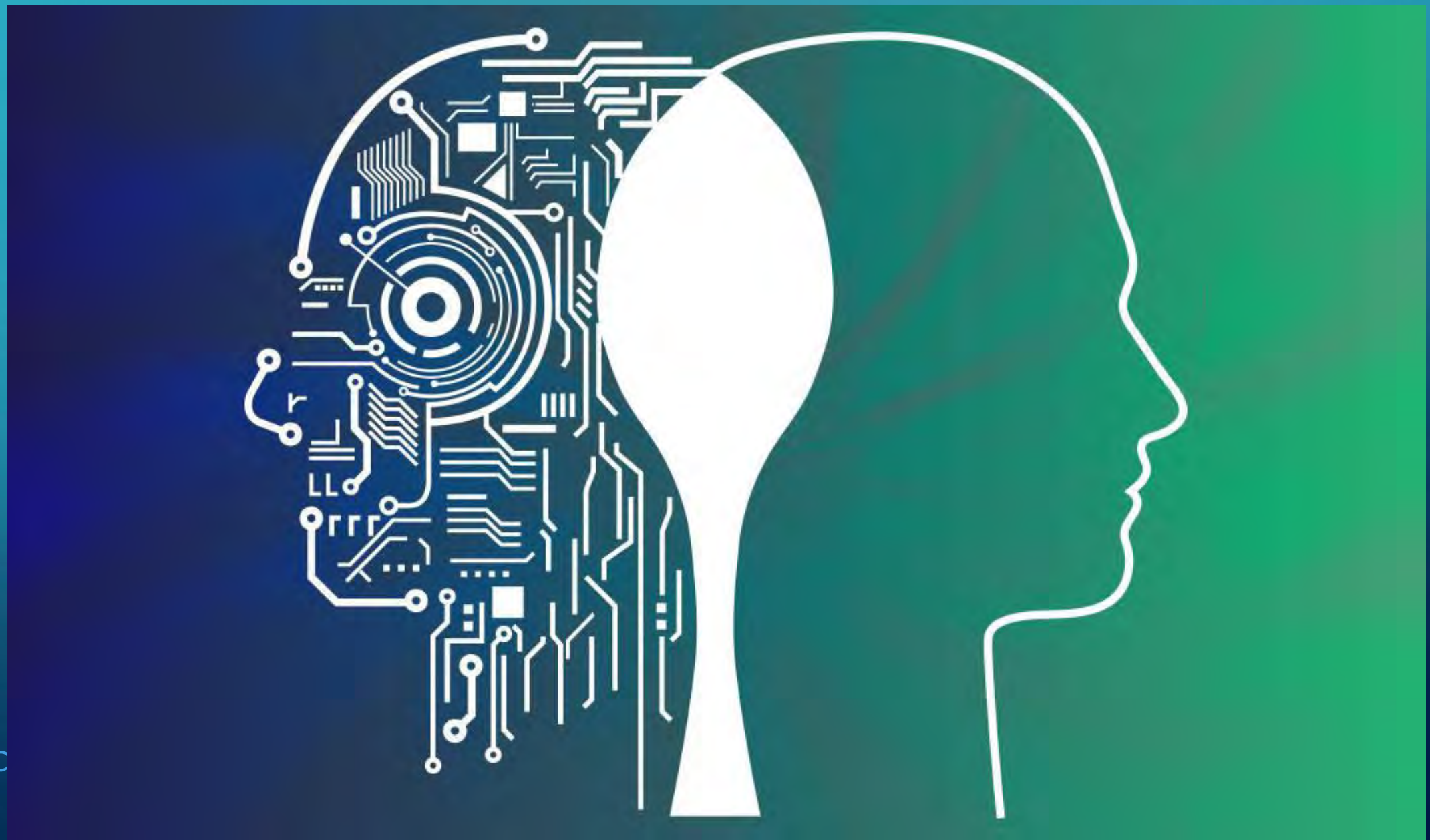
Maurice Conti, Chief Innovation Officer at Alpha

Problem #1: How do we design AI-driven curriculums to build and retain AI talent in Cambodia?

Problem #2: How do we maximize industrial productivity, while minimizing negative impacts on the existing workforce?

1. Bots take human jobs
2. Humans do not have jobs anymore
3. Humans do not have money anymore
4. Humans do not buy products anymore
5. Bots no longer have a job to perform, because they have no products humans will buy
6. Bots are no longer produced, because there is no more demand for them
7. Bots no longer exist
8. Humans go back to physical labor
9. Humans begin to make bots again
10. Repeat steps 1-9

AI VS. EI (EMOTIONAL)



*links and photo credits available upon request

STAY HUMAN!

1st Annual Forum

AI-Cambodia

"Human Intelligence in the Augmented Era"

Innovative platform for scholars and entrepreneurs to exchange ideas, creating opportunities for collaboration

Expected Output:

1) Explore AI landscape of Cambodia
2) Examine roles of digital technology in society
3) Foster industry-university linkages

Conveners

Dr Chhem Rethy – Executive Director, CDRI
Dr Hul Seingheng – Director of Research and Innovation Center, ITC

Organizing Committee

Dr Khieng Sothy – Senior Research Fellow, CDRI
Dr Liv Yi – Researcher Lecturer, ITC
Dr Srang Sarot – Head of Mechatronics Research Unit, ITC

Coordinator: Mr Chhem Siriwat – Intern, CDRI
Email: siriwatwchhem@gmail.com

NOV 2018
8th

@ Raintree - The Canopy
299 Preah Ang Duong St 110,
Phnom Penh

7:30 AM - 12:00 PM

1st Annual Forum
AI-Cambodia

"Human Intelligence in the Augmented Era"

Agenda

7:30 - 8:00 Registration
8:00 - 8:10 Opening Remarks by Dr Chhem Rethy
8:10 - 8:20 Opening Remarks by Dr Hul Seingheng

Scholar Presentations
8:20-8:30 Dr Sawal Hamid Md Ali, Associate Professor, Universiti Kebangsaan Malaysia
"Disruptive Technology Shaping Our Future"

8:30-8:40 Dr Srang Sarot, Head of Mechatronics Research Unit, Institute of Technology of Cambodia
"Intelligent Mechatronics"

Entrepreneur Presentations
8:40-8:50 Mr De Vos Andries, CEO, Slash Foundry
"Building AI Applications From Cambodia"

8:50-9:00 Mr Yim Richard, CEO, Demine Robotics
"Landmines, Bombs and Robotics"

Panel Discussion (All speakers)
9:00-10:00 Moderators: Dr Chhem Rethy & Dr Hul Seingheng

10:00-10:30 Networking Break
10:30-11:30 Networking Activity "Social Cafe"
11:30-11:45 Closing Remarks by Mr Chhem Siriwat
11:45 - 12:00 Networking

Networking Activity: "Social Cafe"

Problem #1: How do we design AI-driven curriculums to build and retain talent in Cambodia?
Problem #2: How do we maximize industrial productivity, while minimizing negative impacts on the existing workforce?

Sponsored by

List of Participants

No	Name	Affiliation
1	Ian Findlay	University of Puthisastra
2	Sawal Hamid Md Ali	Universiti Kebangsaan Malaysia
3	Sarot Srang	Institute of Technology of Cambodia
4	Yi Liv	Institute of Technology of Cambodia
6	Pheakdey Nguonphan	Royal University of Phnom Penh
7	Sovila Srun	Royal University of Phnom Penh
8	Angkeara Bong	Cambodia Development Resource Institute
9	Neat Ouk	Biz Solution
10	Sereyvath Hor	WeAlliance
11	Minea Kim	WeAlliance
13	Piseth Sok	G Gear
14	Zoe Ng	Raintree Development
15	Rithy Thul	SmallWorld Venture
17	Leng Kang	ISI Group
18	Sen Kang	Fuxin Steel Buildings
21	Trevor Sworn	British Chamber of Commerce
22	Charles Esterhoy III	Worldbridge Homes
23	Richard Yim	Demine Robotics
24	Mike Kang	Mlab Cambodia
25	Kai Park	YYY
26	Sopheakmongkol Sok	Codingate
27	De Vos Andries	Slash Foundry
29	Vuthy Monirath	Taiwa Seiki Corporation
30	Cham Nou Jimmy	PNN TV
35	Theang Sothy	Institute of Technology of Cambodia
36	Ty Bunly	Institute of Technology of Cambodia
38	Chhean Rotanak	Institute of Technology of Cambodia
39	Vivoria Ngo Phat	Outlook Tech & Biz
40	Hul Seingheng	Institute of Technology of Cambodia
41	Ath Sopagna	Institute of Technology of Cambodia
42	Lay Khun Sonita	Codingate
43	Kamaroudin Sos	University of Puthisastra

No	Name	Affiliation
1	You Saokeo Khantey	Cambodia Development Resource Institute
2	Oum Chantha	Cambodia Development Resource Institute
3	Bun Phoury	Cambodia Development Resource Institute
4	Leng Phirom	Cambodia Development Resource Institute
5	Run Savinn	Cambodia Development Resource Institute
6	Sen Sina	Cambodia Development Resource Institute
7	Men Chanthida	Cambodia Development Resource Institute
8	Chhem Rethy	Cambodia Development Resource Institute
9	Chhem Siriwat	
11	Lim Seakleng	Cambodia Development Resource Institute
12	Ravy Sophearoth	Cambodia Development Resource Institute

For any inquiries, please contact Mr. Chhem Siriwat at siriwatwchhem@gmail.com.

To see the forum photos:
https://drive.google.com/drive/folders/1RIkQviImXUWc88C1OvANeyIqB9s3pQUD

Thank you,

See you at the 2nd Annual AI-Cambodia Forum!