
Research and Innovation in Israel

— Samuel Tang —

Outline

How my journey started

What I have done in Israel

What I learned from Israel

What we can learn from them

Starting from an email

Search for a position as
Postdoctoral researcher

Outreach by email in **2014-15**

FINALLY, got 1 positive response,
within 1 day in **Jan**

Confirmation in **May**



Visa, and all the things settle...



13 May 2015

To:

Dear Dr. Tang,

Re: Approval by the Technion-Guangdong Search Committee for a Postdoctoral Fellowship

The Search Committee for the Guangdong-Technion Israel Institute of Technology (GTIIT) Project is pleased to recommend granting you a postdoctoral fellowship for a period of 24 months to conduct research at the Technion under the supervision of Prof. Ori Lahav. The receipt of the fellowship still requires the approval of the Preparatory Committee of the Faculty of Civil and Environmental Engineering and of the **Vice President for Academic Affairs**. The renewal for the second year will also require academic approval.

My journey start from this

Hong Kong to Amman – RJ 183


20 Oct 2015, 21:35–21 Oct 2015, 05:15

 Take-off
20 Oct 2015, 21:35

 Landing
21 Oct 2015, 05:15

Amman to Tel Aviv-Yafo – RJ 342

21 Oct 2015, 06:45–07:30

 Flight duration
12 hrs, 40 mins

 Confirmation number
4ON974



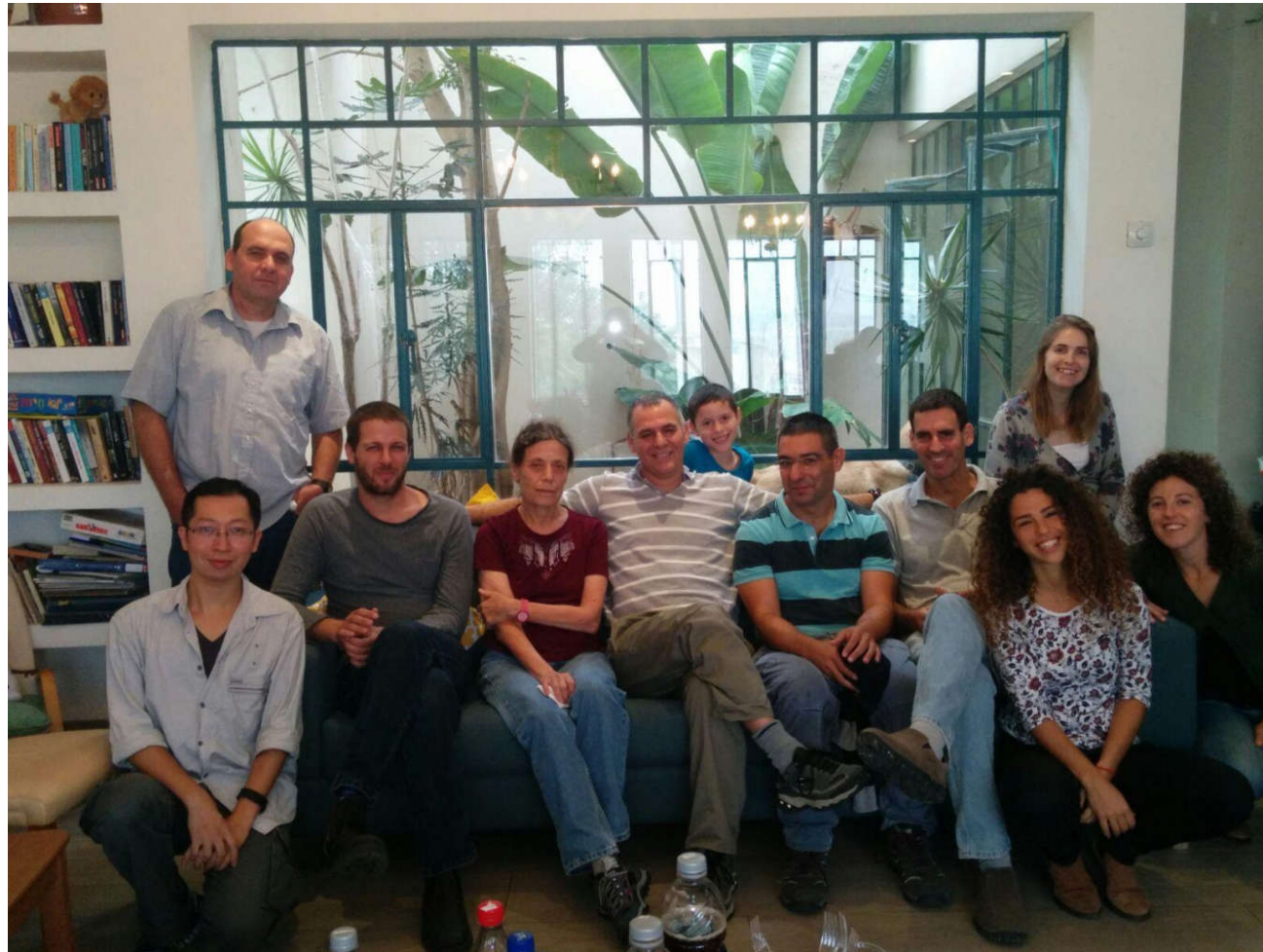
My life starting there



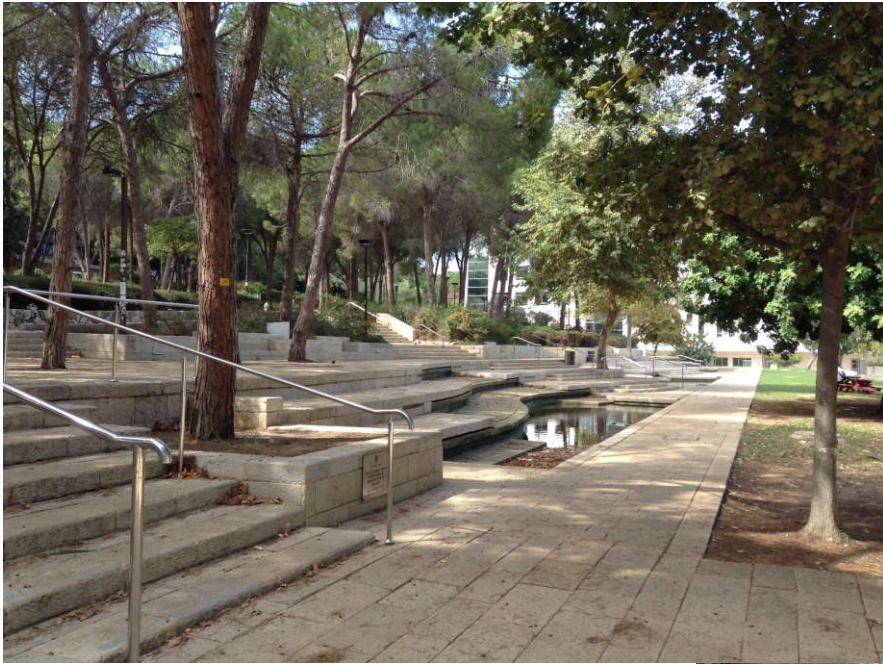
My life starting there



My research group



The surrounding



The surrounding



《新絲路——帶路》創科搖籃 2017-07-19 10:00

© SD HD



My research



IWA 9th Eastern European Young Water Professionals Conference – Budapest 2017

Sponsors: wte, E+H

Samuel C.N. Tang

Combined Diananofiltration and Ion Exchange Process:
Highly-Selective Separation of Mg and Ca ions from Seawater

Technion Israel Institute of Technology



My life in Israel







My life in Israel



Trips in Israel



Trips in Israel



Glazer



HKSAR
Establishment Day
1 Jul 2017



StandwithUS

WetSkills



What I learned from Israel...



From my supervisor

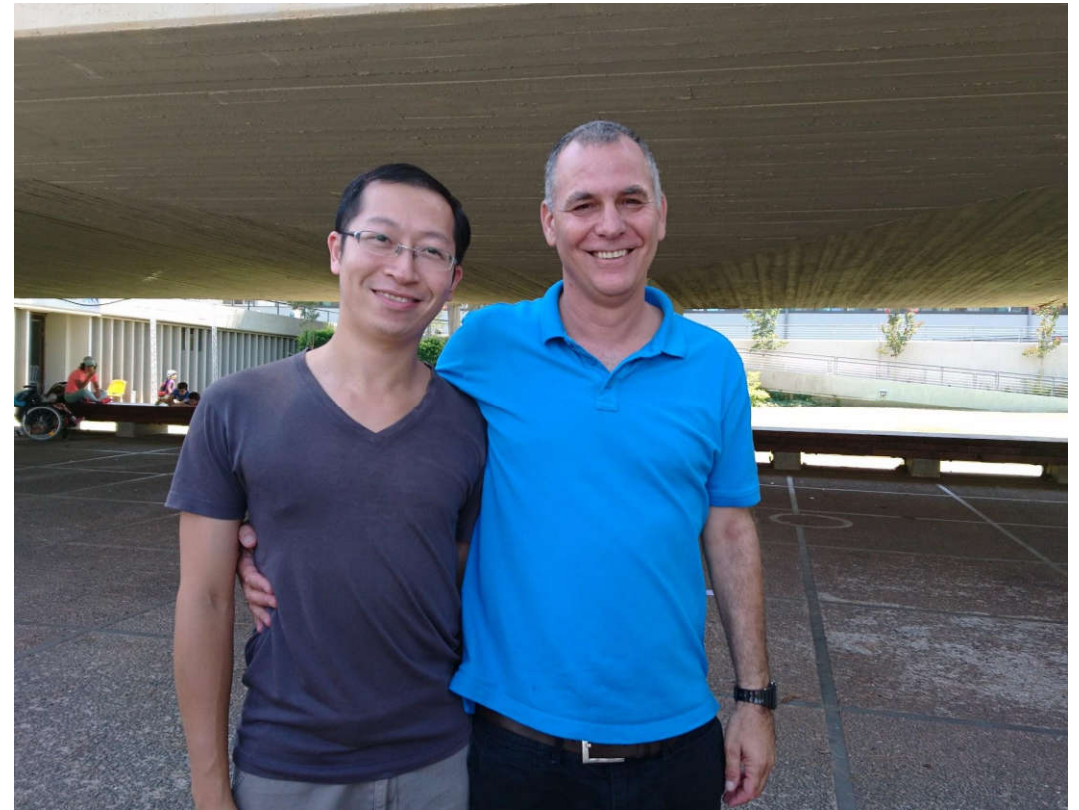
Efficient

Well planned

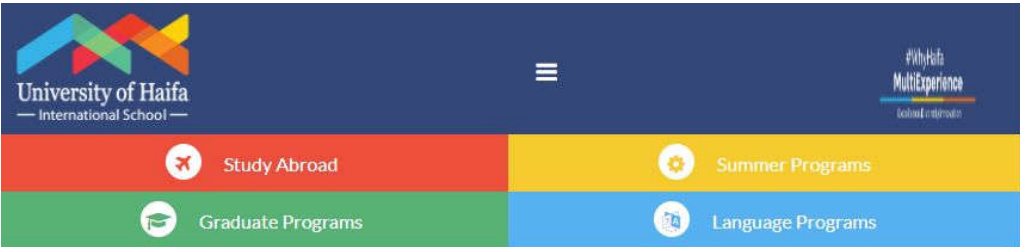
Delegated & team work

Flexible

Clear vision



From the tours



Mr. Yisrael Ne'eman



Yisrael has a B.A. in Mideast Studies from Rutgers University and the University of Haifa. He has been a professional tour guide for many years, leading touring programs, and lectures both in Israel and abroad. Yisrael lives in the Community Village where he lives with his wife and four children. He is the author of "Antisemitism, Islamic World Conquest and the Manipulation of History" by White Hart Publications and is now available on Amazon.



From the life here



What we can learn from them...



Get your hands dirty



GA ANGELS **2230** **#BIGIDEA**

משד החינוך **הדעיה** חברת הנדסה

קבלה ועיבוד תמונה
 זמן חשיפה מינימלי למצלמה כך שהיא רואה רק את Reflective tapen ובכך מקבלים עיבוד תמונה רובסטי שעומד בתנאי תאורה שונים.
 העלמת הפרעת הקפיץ בעזרת Dilate And Erode לקבלת שני פסים שלמים.

שילוב עם חיישנים נוספים
 שימוש ב-Gyro Encoder לרעבה טובה יותר בתדירות גבוהה של מיקום הרובוט במרחב.
 מעלמה מותקנת על servo ומעיקה זווית ראייה רחבה יותר.

Observer עם הערכה

מערבת

בקר שפיתחנו

משערך

בקרה

בניית מסלול ממוקם הגיד עד לקפיץ. שליטה על מהירות תמיד בכל ציר. ביצוע הצעד הראשון של המסלול. חזרה על הפעולות עד שהרובוט מגיע ל-Lift. שחרור הגיד ונסיעה אחרת.

$$x_G = x_R + a \sin(\theta + \gamma) + d \sin(\theta + \alpha + \beta)$$

$$y_G = y_R + a \cos(\theta + \gamma) + d \cos(\theta + \alpha + \beta)$$

$$x_R = \int_0^T v \sin(\theta) dt$$

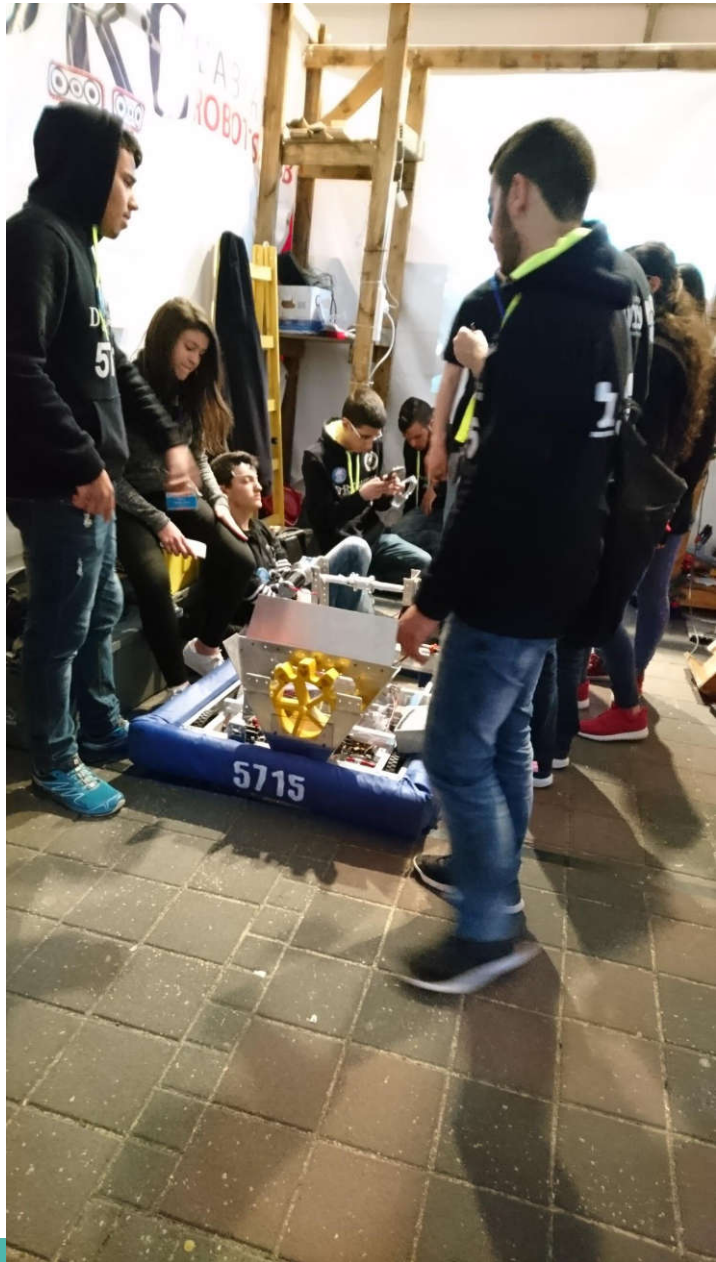
$$y_R = \int_0^T v \cos(\theta) dt$$

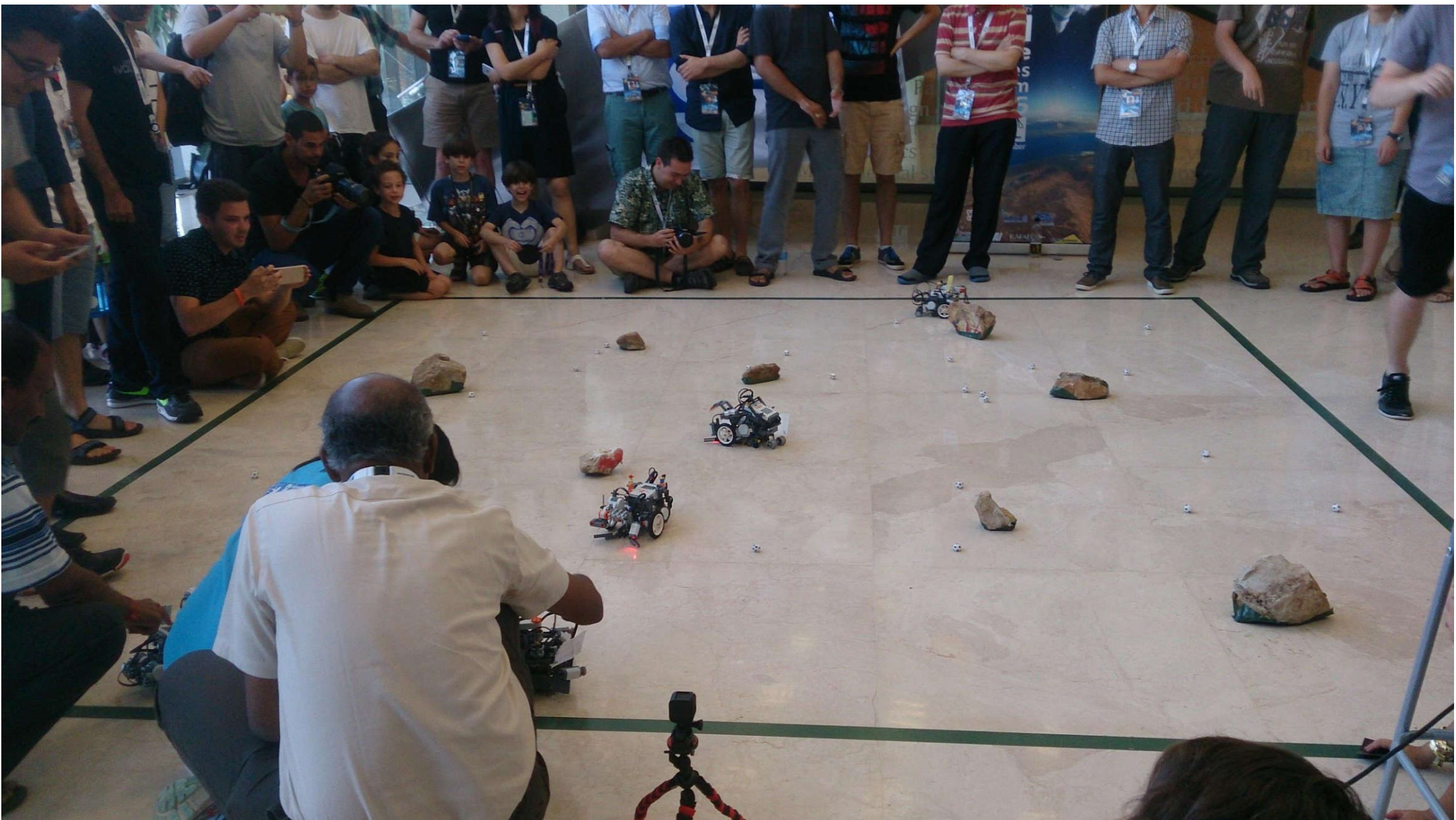
$$\theta = \int_0^T \omega dt$$

$$\dot{x}_{Gear} = v \sin \theta + \omega l \cos \theta$$

$$\dot{y}_{Gear} = v \cos \theta - \omega l \sin \theta$$







MARCH

HOW TO START, VISION & IDEAS

06

5:00 pm

Innovation and Entrepreneurship in a changing world
Yosi Turkaspa
Owner & CEO
TK Innovations

13

5:00 pm

How to stand out from the competition and what happens if you don't?
Yochi Slonim
Co-Founder & CEO
Anima Biotech

08

5:00 pm

The entrepreneur and the surrounding eco-system: Who am I? What's my ballgame? What's next?
Haggai Yedidya
Co-Founder & CEO
Cyber DriveWare

15

5:00 pm

> The path entrepreneurs take > Selling to large corporations
Oren Steinberg
Co-Founder & CEO
SensoryTreat

20

5:00 pm

Transforming an idea to business: How the Lean Startup methodology can reduce uncertainty and increase the chances of success
Eitan Katz
Owner
Pragmatic Innovation

27

5:00 pm

Start up tips from the NFX guild
Gigi Levi Weiss
Founding Partner
NFX Guild

29

5:00 pm

T³ in the lounge

22

5:00 pm

Start Small, Prepare for Scale: The technology aspects of Consumer Scale when starting as a startup company - best practices, common mistakes, and elasticity considerations
Shahar Raz
CEO
RAZ Technology Services

APRIL

03

5:00 pm

How to setup R&D processes from scratch?
Ishay Tentser
CEO
IniTech

19

5:00 pm

How to make money from ideas
Roni Iair
CEO
Iair Tech

05

5:00 pm

Do the least to get the most of your startup
Doron Cohen
Co-Founder & CEO
Covercy

24

5:00 pm

Staying Attractive to Potential Investors and Acquirers: Doing the Right Things in Your IP and Commercial Agreements
Gal Eshchot
Partner
Hi-Tech Department of Herzog Fox Neeman

09

17

PASSOVER

MAY

STRATEGY

24

6:00 pm

Comparison between Israeli and European start-ups
Jonathan Willett
Manager - International operations
Early Metrics

03

5:00 pm

Cultural and Structural changes in a start-up Company after receiving an Investment
Yosi Turkaspa
Owner & CEO
TK Innovations

26

5:00 pm

T³ in the lounge

08

5:00 pm

The Question of Strategy
Sarah Zohn
Operational Strategy
Zohn Consulting

01

MEMORIAL DAY

10

5:00 pm

Social business eco-system
Eli Bentata
Deputy Manager
JDC - TEVET

JUNE

PRESENTATION & PITCH

15

5:00 pm

From Winning Startup Competitions to Fund Raising: How can I leverage my presentation skills toward building a company?
Haggai Yedidya
Co-Founder & CEO
TK Innovations

22

5:00 pm

The Most Effective Presentation
Sarah Zohn
Operational Strategy
Zohn Consulting

24

5:00 pm

The Users, The Business and The Technology Limitations, A UX Tale
Hanan Gelbendorf
CEO
BuzzHunter

17

5:00 pm

Words to inspire & convince - Communication skills
Omri Avisaf
COO
Vayomar

29

5:00 pm

The secret, most important, hardest to find ingredient for success
Israel Roth
CTO & Co-Founder
Kang Health

05

5:00 pm

Building Product
Yuval Leshem
Platform Engineer
Lemonade.com

07

5:00 pm

User experience of user centered design
Giora Feldman
Owner & Graphic Designer
Penguin Studio

12

5:00 pm

Creative Thinking
David Ring
Co-Founder & VP Finance
Colu

31

SHAVUOT

BUILDING PRODUCT & TALKING TO USERS

12

6:00 pm

How to reach new customers?
Sagi Katz
Owner
Sagi Katz Advisory Services

14

5:00 pm

Games M&A
Alona Polak
Business Development
Playtech

19

5:00 pm

Social Media strategy and execution & Marketing
Mordecai Holtz
Founder & Chief Strategist
Blue Thread Marketing

21

11:00 am

The two rules to follow when building a global brand out of a startup
Hillel Fuld
Co-Founder & CMO
ZCast

MARKETING

21

4:00 pm

Go to market
Tal Weiser
Head of Global Programs & IL Sales
Blue Thread Marketing
D+H GTBS

26

5:00 pm

Value Management
Hanoeh Rabinovitz
Founder
nabi

28

5:00 pm

T³ in the lounge



What you do think?

What drives big, breakthrough innovations? Often it's constraints

What else do we need to innovate?

What should we do to innovate?

Interested in Israel?

My journey :

https://www.facebook.com/mybluedream2go/photos_albums

追·藍·夢



Cyprus - Paphos
@2017.05.01
98 items



Cyprus - Paphos
@2017.04.30
90 items



Cyprus - Limassol @
2017.04.29
128 items



Cyprus - Larnaca @
2017.04.28
68 items



約旦之旅 -
Jerash@2017.04.10
107 items



約旦之旅 - Wadi
Rum@2017.04.13
65 items



約旦之旅 -
Petra@2017.04.12
97 items



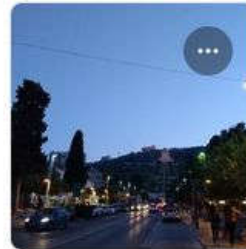
約旦之旅 -
Petra@2017.04.11
74 items



約旦之旅 - 安曼
@2017.04.09
62 items



2017.03.31@Beit-Govri
89 items



Culinary
Tour@2017.03.23
19 items



"Nahal Me'arot"
Nature Reserve -
World heritage site
63 items



Leeuwarden +
Amsterdam
274 items



2016.12.09@Mount of
Beatitudes + Basilica of
the Annunciation
88 items



2016.11.18@Caesarea+
Zhichron Ya'akov
55 items

