

APRIL 17-18

IDEAS 2019

CREATIVE ACHIEVEMENTS

RESEARCH

TALKS

DISTINGUISHED ALUMNI

MAKER FAIRE

STARTUPS



aub.edu.lb/msfea/ideas



**Maroun Semaan Faculty of
Engineering and Architecture**



APRIL 17-18

IDEAS 2019

aub.edu.lb/msfea/ideas

DAY 1: APRIL 17, 2019

9:00-9:30				
9:30-10:00	OPENING AND DISTINGUISHED ALUMNI AWARDS			
10:00-10:30	ELH			
10:30-11:00				
11:00-11:30				
11:30-12:00			RESEARCH 3MT® ELH	
12:00-12:30	CREATIVE ACHIEVEMENT AWARDS BIG TENT		CEE FYPS + SPECIAL GUEST IOEC 6TH FLOOR	ARD RAIS AWARD MASRI LOBBY
12:30-1:00				
1:00-1:30		RESEARCH POSTERS BIG TENT		DEEP LEARNING DEMYSTIFIED WORKSHOP IOEC 217
1:30-2:00				
2:00-2:30		RESEARCH UNDERGRADUATE PRESENTATIONS ELH		
2:30-3:00				
3:00-3:30				
3:30-4:00				
4:00-4:30				
4:30-5:00				
5:00-5:30	AUB BIG GAME			
5:30-6:00				
6:00-6:30				
6:30-7:00				
7:00-7:30				
7:30-8:00				
8:00-8:30				
8:30-9:00				

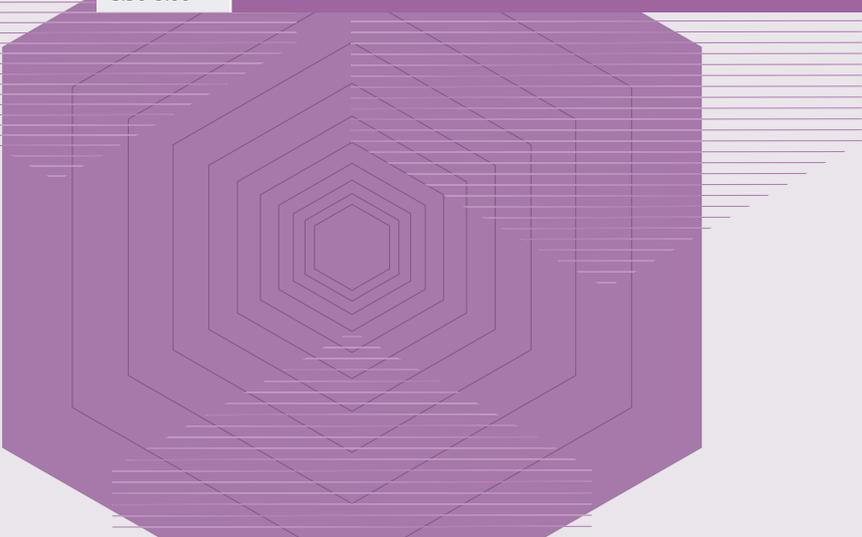
APRIL 17-18

IDEAS 2019

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DAY 2: APRIL 18, 2019

9:00-9:30	RESEARCH GRADUATE PRESENTATIONS ELH		LIVE THURSDAY
9:30-10:00			
10:00-10:30			
10:30-11:00			
11:00-11:30			
11:30-12:00	TALKS ELH		MAKER FAIRE BIG TENT
12:00-12:30			
12:30-1:00			
1:00-1:30	ALUMNI MIXER MASRI LOBBY	ARD DISTINGUISHED ALUMNI PANEL ELH	FACULTY FEUD
1:30-2:00			
2:00-2:30	STARTUPS DEMO DAY ELH		
2:30-3:00			
3:00-3:30			
3:30-4:00			
4:00-4:30			
4:30-5:00			
5:00-5:30	AWARDS + CELEBRATION/PARTY BIG TENT		
5:30-6:00			
6:00-6:30			
6:30-7:00			
7:00-7:30			
7:30-8:00			
8:00-8:30			
8:30-9:00			

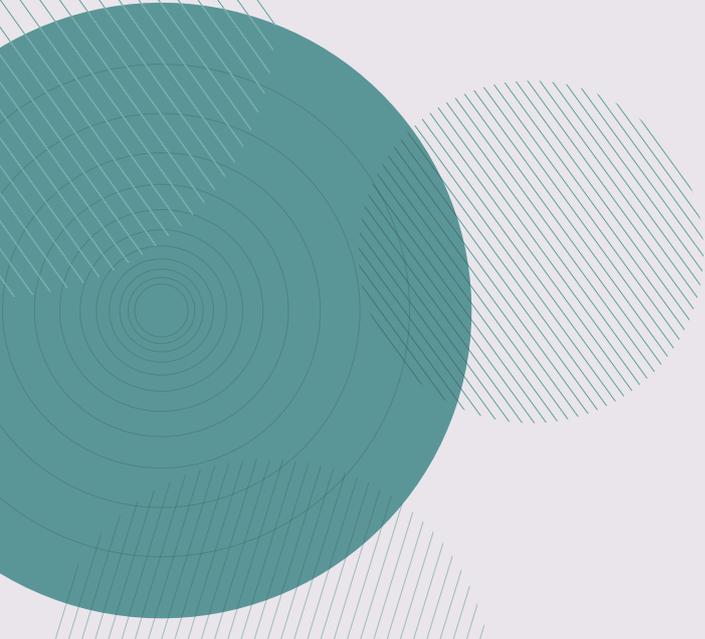




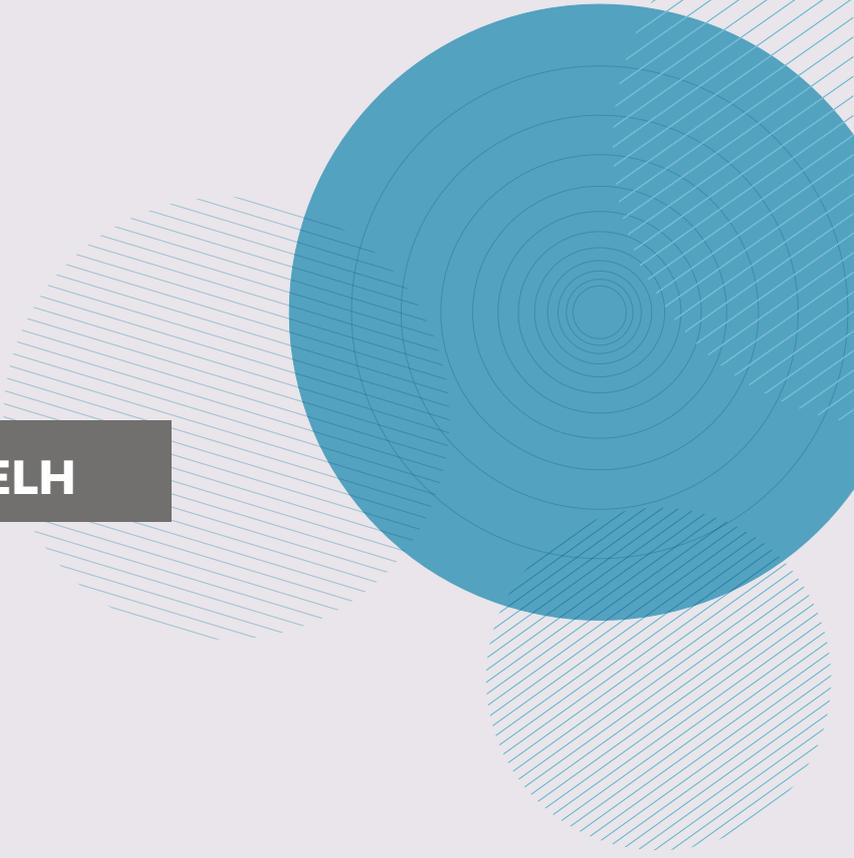
APRIL 17-18

IDEAS 2019

TALKS



April 18, 12:00 - 1:30, ELH





**Prof. Elie
Shammas**

**Can a cat ride
a skateboard?**



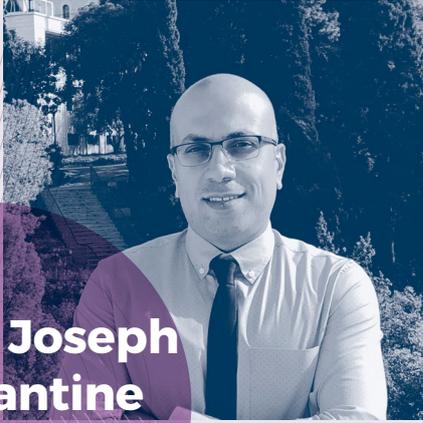
**Prof. Nadine
Moacdieh**

**In the blink of an eye:
How eye tracking can
be used to design
better interfaces**



**Prof. Farook
Hamzeh**

**Constructing future
homes using 3D
concrete printing**



**Prof. Joseph
Costantine**

**How to charge
your phone
from thin air?**



**Prof. Aram
Yeretzian**

**Are 'performal'
buildings possible?**



APRIL 17-18

IDEAS 2019

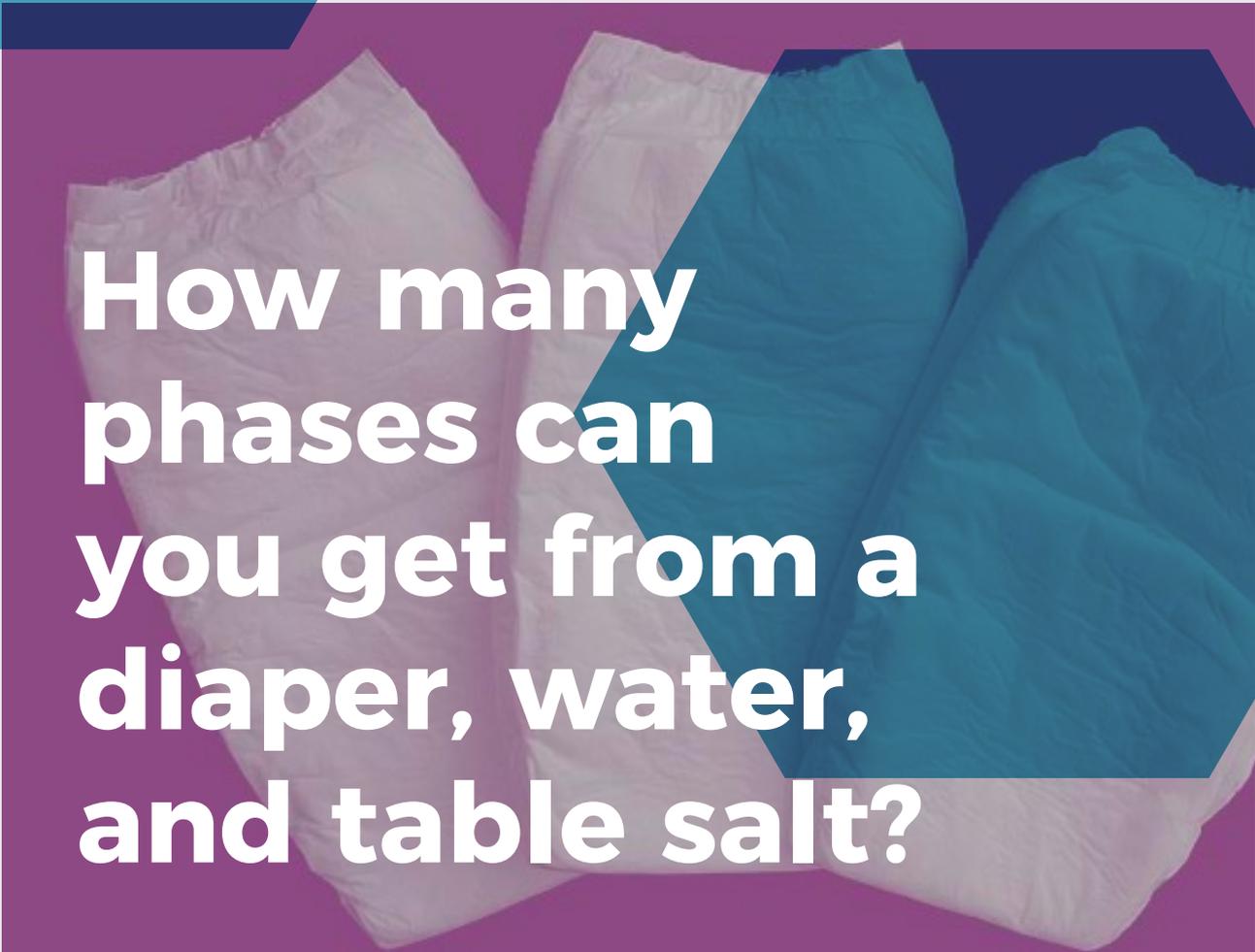
MAKER FAIRE

April 18, 9:00 – 3:30, Big Tent



A photograph of a water treatment facility with several large concrete structures and pipes. Water is flowing through the structures, creating a series of cascades. The image is overlaid with a semi-transparent purple and blue gradient.

**Discover the
treatment
process of water
and the various
fields of water
engineering**

A photograph of several white and blue diapers. The image is overlaid with a semi-transparent purple and blue gradient.

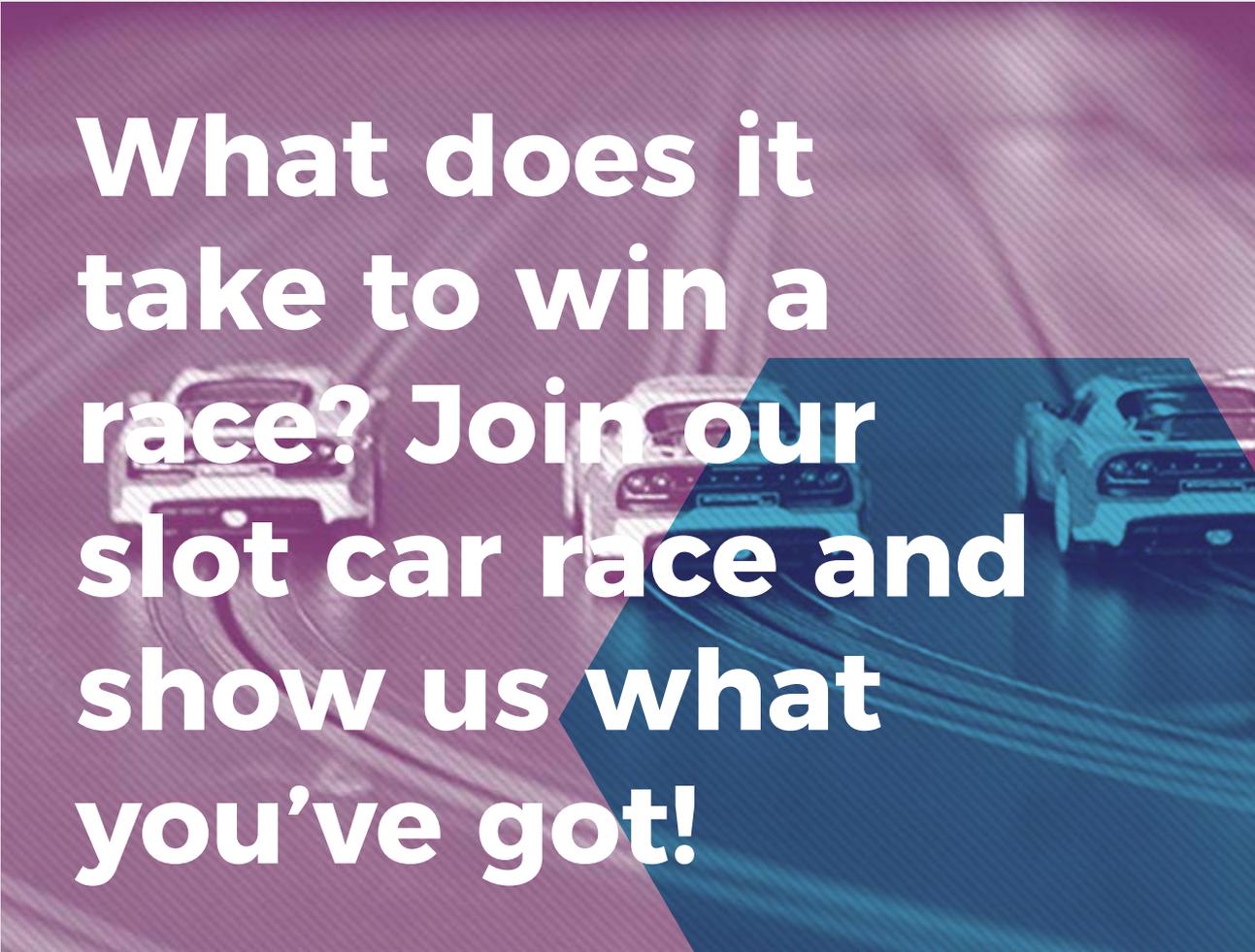
**How many
phases can
you get from a
diaper, water,
and table salt?**



**Meet us at
our booth
and test
your skills
at our Lego
Challenge!**



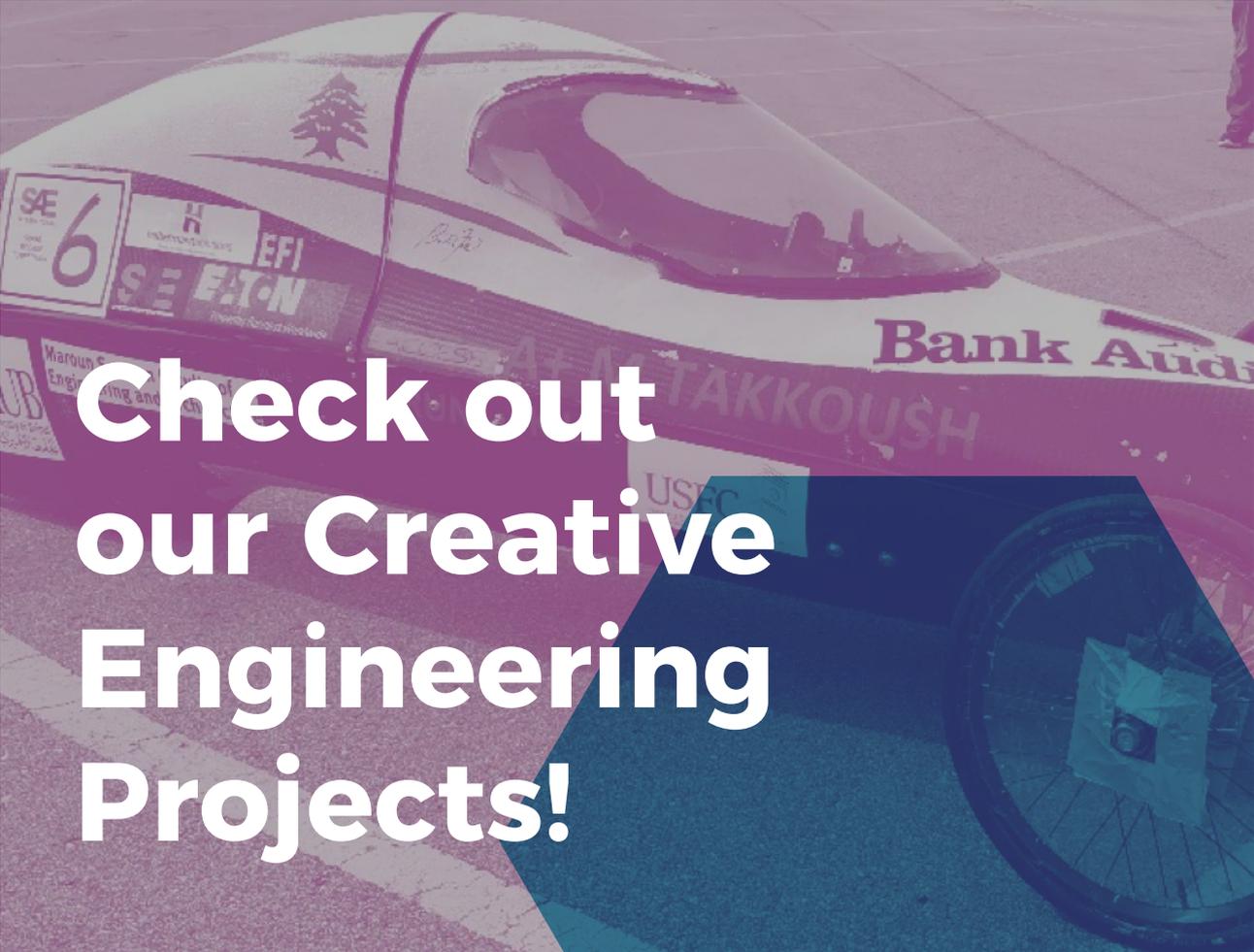
**Discover the
transportation
field and
safety on the
roads**

A photograph of several slot cars racing on a track, viewed from a high angle. The cars are in motion, with motion blur visible on the track surface. The image is overlaid with a semi-transparent purple and blue geometric shape.

**What does it
take to win a
race? Join our
slot car race and
show us what
you've got!**

A photograph of a bicycle with a blender mounted on the rear rack. The bicycle is a light-colored mountain bike with 'ALTERNATIVE BIKE CO.' written on the frame. The blender is a clear plastic one with a black lid and a base. The image is overlaid with a semi-transparent purple and blue geometric shape.

**Pedal n' Blend!
Join us and
make your own
bike powered
smoothies!**



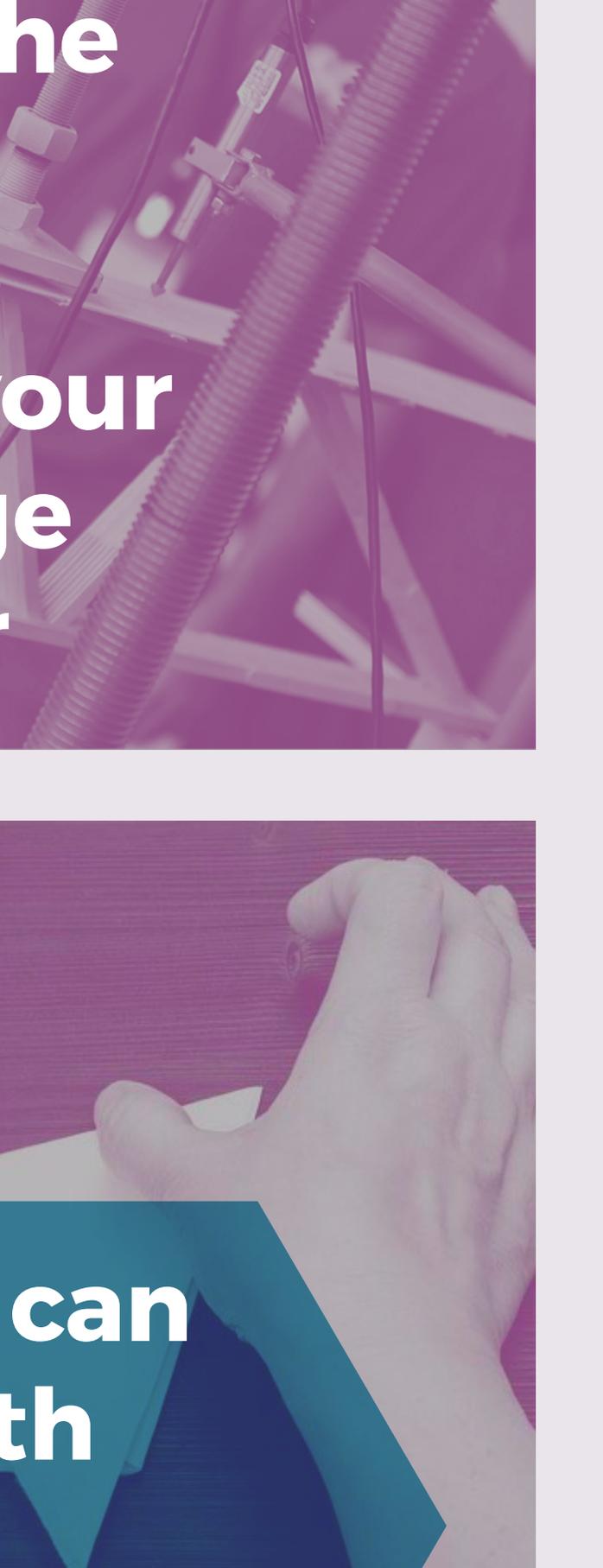
**Check out
our Creative
Engineering
Projects!**



**Don't forget
to attend our
SolidWorks
Workshop and
3D printing
competition.**



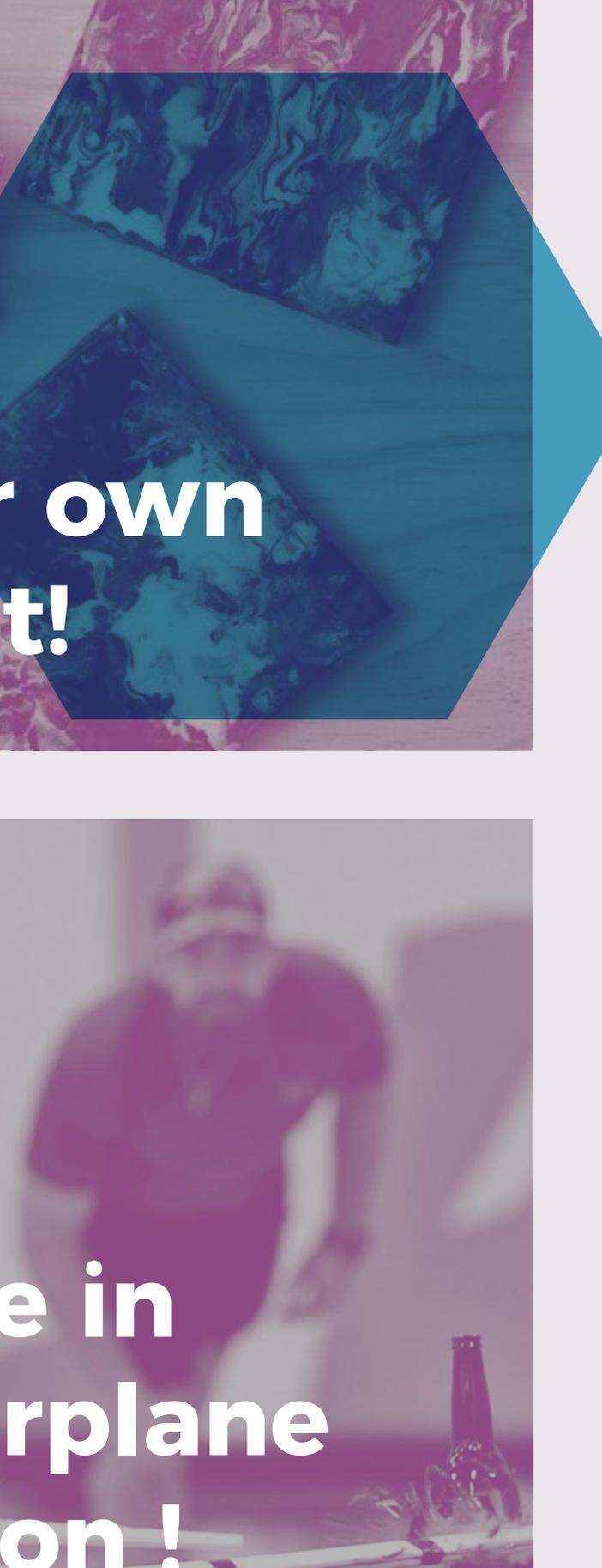
**Discover the
structural
world by
building your
own bridge
and tower**



**How high can
you go with
one A4?**

A photograph showing several square pieces of marbled paper with various patterns and colors, including shades of purple, blue, and white. The paper is laid out on a light-colored wooden surface. A large, semi-transparent teal hexagonal shape is overlaid on the right side of the image.

**Make your own
coaster set!**

A blurred photograph of a person in a dark shirt and shorts running on a track. In the foreground, a model of a white airplane is visible on a table. A large, semi-transparent teal hexagonal shape is overlaid on the left side of the image.

**Participate in
the DIY Airplane
Competition !**



**Leave your mark!
Carve it out!**

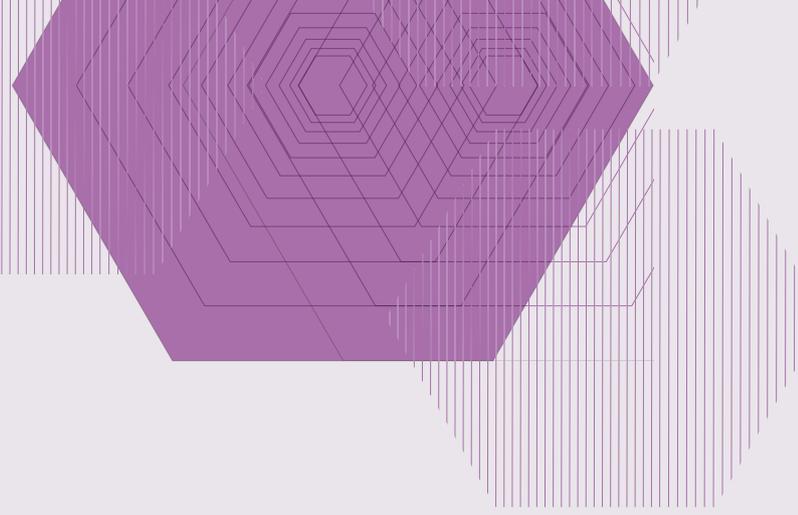


**Test your
musical skills
on the student-
built Audio
Engineering
effect boxes!**



**Be careful with
electricity!**

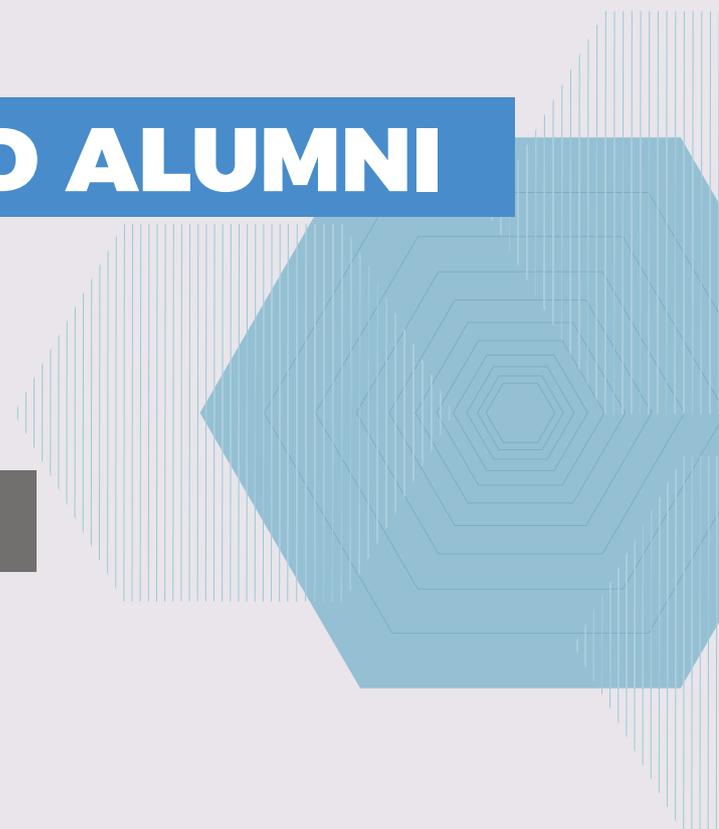




APRIL 17-18

IDEAS 2019

DISTINGUISHED ALUMNI



April 17, 9:00 - 11:00, ELH



**Department
of Industrial
Engineering
and
Management**
Young
Distinguished
Alumni

**Dr. Hayer
Aprahamian**



**Department
of Electrical
and Computer
Engineering**
Distinguished
Alumni

**Mr. Mahmoud
El Assir**



**Department
of Architecture
and Design**
Young
Distinguished
Alumni

**Ms. Farah
Fayyad**



**Department
of Mechanical
Engineering**
Young
Distinguished
Alumni

**Mr. Nadim
Habr**



**Department
of Civil and
Environmental
Engineering**
Distinguished
Alumni

**Dr. Muhammad
Hajj**



**Department
of Architecture
and Design**
Distinguished
Alumni

**Dr. Wassim
Jabi**



**Department
of Architecture
and Design**
Distinguished
Alumni

**Mr. Nour
Kanafani**



**Department
of Architecture
and Design**
Young
Distinguished
Alumni

**Ms. Zeina
Koreitem**



**Department
of Chemical
Engineering
and Advanced
Energy**
Young
Distinguished
Alumni

**Ms. Samar
Semaan**



**Department
of Electrical
and Computer
Engineering**
Young
Distinguished
Alumni

**Mr. Nadim
Taha**





APRIL 17-18

IDEAS 2019

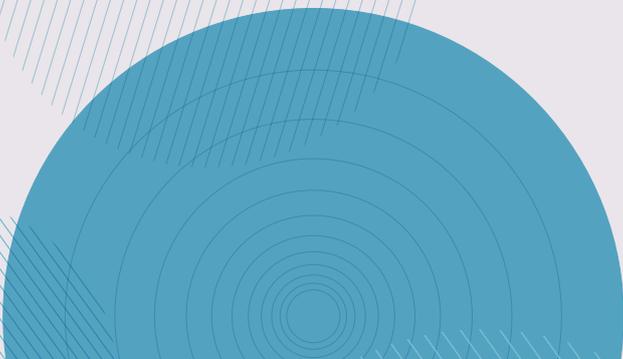
RESEARCH

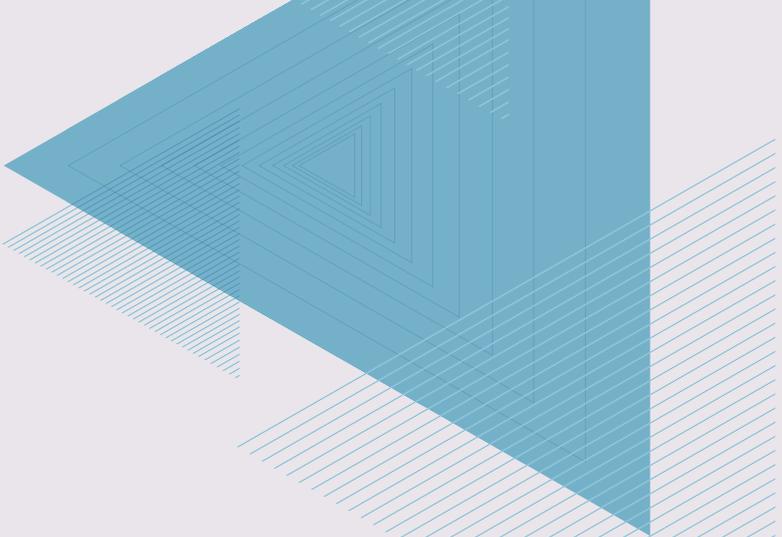
3MT: April 17, 11:30 - 12:30, ELH

Undergraduate Presentations: April 17, 2:00 - 3:30, ELH

Research Posters: April 17, 1:00 - 3:00, Big Tent

Graduate Presentations: April 18, 9:00 - 1:30, ELH





APRIL 17-18

IDEAS 2019

STARTUPS

April 18, 2:00 – 6:30, ELH

- 2:50 pm** Guests arrive
 - 3:00 - 3:15 pm** Opening speeches
 - 3:15 - 4:10 pm** First pitching batch of 4
 - 4:10 - 4:30 pm** Short panel with judges
 - 4:30 - 5:25 pm** Second pitching batch of 4
 - 5:25 - 5:40 pm** Judges deliberate
 - 5:40 - 5:45 pm** Announcement of winners
 - 5:45 - 6:30 pm** End of event, celebrations, and reception
- 



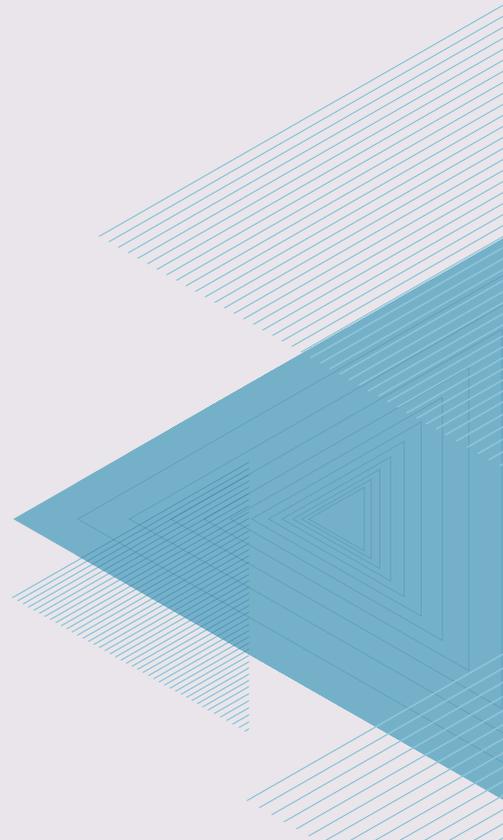
APRIL 17-18

IDEAS 2019

CREATIVE ACHIEVEMENTS



April 18, 12:00 – 3:30, Big Tent





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