Schedule International Robotic Olympiad 2019
Bangkok, Thailand
The Hub Rangsit July 20, 2019

Time	Activities
13.30	Registration and Test field
17.00	Close the field

Schedule International Robotic Olympiad 2019
Bangkok, Thailand
The Hub Rangsit July 21, 2019

Land Based Competition
2 nd Floor The Hub Zone B

Time	Activities					
08.30	Registration					
09.30	Opening Ceremony					
	ZONE A	ZONE B	ZONE C	ZONE D	ZONE E	ZONE F
10.30	Hand Generator Robot Horse Short Distance Run Competition (P)	Hand Generator Horizontal Bar Climbing Robot Competition (S)	Robot Horse Relay Competition (P)		Robot Soccer Competition (S)	Hand Generator Robot Sled Race (S)
11.30	Hand Generator 2 legs Robot Short Distance Run Competition (S)	Hand Generator Horizontal Bar Climbing Robot Competition (P)	Robot Horse Relay Competition (S)	Robot Rugby Competition (P)		Hand Generator Robot Sled Race (P)
12.30	Lunch					
13.30	Hand Generator Bouncing Robot Short Distance Run Competition (P)	Hand Generator Triathlon Robot Relay Competition (S)	Hand Generator Ladder Climbing Robot Competition (P)	Robot Boxing Competition (P)	Robot Penalty Shoot-out Competition (P)	Planet Exploration Competition (S)
14.30	Hand Generator Worm Robot Short Distance Run Competition (S)	Hand Generator Triathlon Robot Relay Competition (P)	Hand Generator Ladder Climbing Robot Competition (S)	Robot Boxing Competition (S)	Robot Penalty Shoot-out Competition (S)	Robot Basketball Competition (S)
15.30	Robot Ant Obstacle Avoidance Competition (P)	Robot Sheepdog Competition (P)				
18.00	Competition Closed					

Remarks: (S): Secondary School Division, (P): Primary School Division

Schedule International Robotic Olympiad 2019
Bangkok, Thailand
The Hub Rangsit July 21, 2019

Category D
2 nd Floor The Hub Zone B

Time	Activities					
08.30	Registration					
09.30	Opening Ceremony					
	ZONE G	ZONE H	ZONE I	ZONE I	ZONE J	
10.30	Interchange Centre of Gravity Servo Motor Two Legs Robot Short Distance Run Competition (S)	Servo Motor Humanoid Robot - Running Race (S)	Heavyweight Humanoid Free Fighting Competition (S)			
11.30	C-shape Foot Two Legs Servo Motor Robot Short Distance Run Competition (S)		Lightweight Humanoid Free Fighting Competition (S)	Servo Motor Humanoid Robot - Curling Race (S)		
12.30	Lunch					
13.30	Multi-leg Servo Motor Robot Short Distance Run Competition (S)	Servo Motor Humanoid Robot - Relay Race (S)	Head Mounted Display Heavyweight Humanoid Free Fighting Competition (S)			
14.30	Servo Motor Humanoid Robot - Stair Walking Competition (S)	Humanoid Free Gymnastics Competition (S)	Head Mounted Display Lightweight Humanoid Free Fighting Competition (S)		Servo Motor Humanoid Robot - Soccer Race (S)	
15.30		Humanoid Performance (Dance) Competition (S)	Servo Motor Humanoid Robot - Super Brawl (S)		Servo Motor Humanoid Robot - Penalty Shoot-out Competition (S)	
18.00	Competition Closed					

Remarks: (S): Secondary School Division, (P): Primary School Division

Schedule International Robotic Olympiad 2019
Bangkok, Thailand
The Hub Rangsit July 21, 2019

Ocean Exploration Competition
Car Park The Hub

Time	Activities							
08.30	Registration							
09.30	Opening Ceremony							
	ZONE K	ZONE L	ZONE L	ZONE M	ZONE M	ZONE N	ZONE O	ZONE P
	Water depth 150mm	Water depth 450mm	Water depth 450mm	3m x 6m water tank	3m x 6m water tank	swimming track	swimming track	swimming track
10.30	Water Polo Robot Game (P)	Shipwreck Rescue and Salvage Robot Game (S)		Hand Generator Two-Oar Robot Boat Competition (P) Hand Generator Four-Oar Robot Boat Competition (S)		Hand Generator Robot Freestyle (front crawl) Swimming Competition (P)	Hand Generator Robot Freestyle (front crawl) Swimming Competition (S)	
11.30	Water Polo Robot Game (S)	Shipwreck Rescue and Salvage Robot Game (P)		Hand Generator Robot Duck Short Distance Swimming Competition (S)(P)		Hand Generator Robot Backstroke Swimming Competition (P)	Hand Generator Robot Backstroke Swimming Competition (S)	Hand Generator Robot Fish Short Distance Swimming (Vertical style) Competition (S)
12.30	Lunch							
13.30	Environmental Protection – Sea Surface Sweeper Robot Game (P)	Ocean Treasure Hunting Robot Game (S)		Hand Generator Robot Canoe Competition (S)	Land and Water Robot Obstacle Avoidance Competition (S)	Hand Generator Robot Breaststroke Swimming Competition (P)	Hand Generator Robot Breaststroke Swimming Competition (S)	Hand Generator Robot Fish Short Distance Swimming (Vertical style) Competition (P)
14.30	Environmental Protection – Sea Surface Sweeper Robot Game (S)	Ocean Treasure Hunting Robot Game (P)	Wired Control Robot Fish Obstacle Avoidance Competition (S)	Wireless Control Servo Motor Four-Oar Robot Boat Obstacle Avoidance Competition (S) Wireless Control Servo Motor Robot Duck Obstacle Avoidance Competition (S)		Hand Generator Robot Butterfly Stroke Swimming Competition (P)	Hand Generator Robot Butterfly Stroke Swimming Competition (S)	Hand Generator Robot Fish Short Distance Swimming (Horizontal style) Competition (S)
15.30			Wireless Control Servo Motor Robot Fish Obstacle Avoidance Competition (S)	Robot Dragon Boat Race(S)(P) Robot Dragon Boat Relay Race(S)(P)		Hand Generator Robot Medley Relay Swimming Competition (P)	Hand Generator Robot Medley Relay Swimming Competition (S)	Hand Generator Robot Fish Short Distance Swimming (Horizontal style) Competition (P)
18.00	Competition Closed							

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Appearance Design Competition

1 st Floor The Hub

Time	Activities							
08.30	Registration							
09.30	Opening Ceremony							
	ZONE AD1	ZONE AD2	ZONE AD3	ZONE AD4	ZONE AD5	ZONE AD6	ZONE AD6	
	Participants of the below-listed competitions are requested to place their work on the display tables before 11:00 am:							
11.00	Single Motor Robot	Worm Robot	Multi-motor Robot	Servo Motor Robot	Bouncing Robot	Dragon Boat	Life Inspired Innovative Model Design	
11.30	Single Motor Robot	Worm Robot	Multi-motor Robot	Servo Motor Robot	Bouncing Robot	Dragon Boat	Life Inspired Innovative Model Design	
12.30	Lunch							
13.30	Single Motor Robot	Worm Robot	Multi-motor Robot	Servo Motor Robot	Bouncing Robot	Dragon Boat	Life Inspired Innovative Model Design	
14.30								
15.30								
18.00	Competition Closed							