

Rescue SuperTeam				
Rank	Teams		Normalized Total	Time
1	Theseus	TVOFF	100.00%	0:45
1	Skarlax	Spešare	93.33%	6:38
2	Team Jup Maze	NLO Rescue	66.67%	1:10
3	WvSG_Wall·E	Billy	66.67%	4:56
4	STRUCA BOTONI	Die Haftelmacheer	46.67%	7:20
5	photon	RoboCassano26	13.33%	5:54
6	MezaMaze	Team Jup Line	13.33%	7:40
7	Bodensee Beavers	Checkmate	13.33%	7:41
8	B.Robots Junior	DinA4	13.33%	8:00
8	B.Robots	ISIS VALDARNO - AGEM	13.33%	8:00
9	Backfeed	Školska Knjiga CRO	0.00%	5:00

A calculation error lead to the ranking of the first two teams being flipped. They are separated by 5pt.
Both Theseus & TVOFF and Skarlax & Spesare are awarded the SuperTeam Award!

Rescue SuperTeam Entry				
Rank	Teams		Normalized Total	Time
1	MazeRunner	BoraForce	100.00%	4:19
2	CI Varazdin	Brain	61.54%	5:28
3	Circuit Breakers	Team Günther 7	46.15%	7:54
4	Bioter Botsi	Leerzeichen	38.46%	6:43
5	Cyber Knights	JADROLINKE	23.08%	7:26
6	Capybara!	Die Steine	7.69%	8:00
7	Gebruder Weiss CRO	Balmazrobot	7.69%	8:00
8	Pixel Pirates	Goblin Gang	3.85%	1:52
9	Bratnudeln	Ninja Turtles	0.00%	8:00

Rescue SuperTeam Entry - Extended Teams						
Rank	Teams			Normalized Total	Time	
1	Kreep's	Mc Queen 95 - IcTn3	Discovery Mraweb	84.62%	7:27	
2	M-I-E	Pharaohs	Rapatac Sandviken	Jeuf	50.00%	7:59
3	LOMBARDI	Eurobot	Library	Discovery Torchi	50.00%	8:00
4	Die Bugs	Pinky and the pinkies	The Springrolls		34.62%	8:00
5	Nexus	ANDROIDI	Discovery Baklouti		30.77%	7:52
6	Mazetrix Vienna	RC Tech			19.23%	6:14
7	MAS	Gacka Robotics	Les Météors		7.69%	8:00
8	Die Grafen	Burger Kong	HTL Trieben Engineering		0.00%	4:03
9	WvSG_Mann'n'Maus	Discovery Brika	Discovery Hrissa		0.00%	8:00

Due to the limited number of Maze Entry teams and many teams wanting to participate, extended teams were formed allowing teams with less or no experience in Maze to compete in larger SuperTeams with the benefit of additional ideas and robots, sometimes including Regular teams who did not reach the ranking to take a Regular SuperTeam spot. They stand here as their own ranking. Well done to all!

Line			
Rank	Team	Normalized Total	Total Time
1	BIGG-IRMI	92.66%	20:13
2	Checkmate	84.60%	30:56
2	Dragon_Hybrid	72.79%	24:57
3	NLO Rescue	70.89%	30:59
5	Robuh	69.52%	29:26
6	DinA4	68.80%	19:41
7	TVOFF	60.98%	32:00
8	ISIS VALDARNO - AGEM	50.23%	31:53
9	RoboCassano26	49.36%	31:59
10	Spešare	41.60%	31:51
11	Školska Knjiga CRO	40.33%	29:16
12	Axiom	34.50%	25:27
13	Billy	33.50%	28:24
14	BMO	30.48%	32:00
15	Team Jup Line	30.38%	28:25
16	Library	27.42%	31:56
17	The Springrolls	26.26%	32:00
18	HTL Trieben Engineering	25.93%	32:00
19	Die Haftelmacher	25.55%	31:13
20	RC Tech	25.40%	25:39
21	Mali programer - Kesteni	22.49%	26:24
22	Iron Line	13.58%	19:12
23	KING JULIAN	13.18%	18:49
24	Hermes	12.33%	7:29
25	Eurobot	9.24%	32:00
26	WisyBot	7.44%	20:22
27	Discovery Baklouti	7.14%	27:07
28	Discovery Hrissa	6.54%	20:10

A scoring error lead to the ranking of Checkmate being wrong.
We sincerely appologize and
award 2nd place to both Checkmate and Dragon_Hybrid!

Total score based 60% on run scores, 20% on TDP/Poster, 20% on Technical Challenge. Run scores rating the best 4 out of 6 runs. Run and TC scores normalized against the relative maxium reached score for the arena.

Line Entry			
Rank	Team	Normalized Total	Total Time
1	BoraForce	57.93%	24:51
2	Balmazrobot	55.17%	16:55
3	Brain	51.26%	22:01
4	Jeuf	49.23%	19:09
5	Die Bugs	35.32%	26:13
6	Goblin Gang	34.55%	30:59
7	Die Steine	34.49%	26:40
8	LOMBARDI	33.54%	32:00
9	Leerzeichen	33.12%	26:22
10	Ninja Turtles	28.01%	31:27
11	Team Günther 7	26.68%	26:00
12	JADROLINKE	26.39%	25:20
13	Mc Qeen 95 - IcTn3	21.80%	23:14
14	Klaka Robotics	21.52%	30:54
15	Die Grafen	21.23%	25:24
16	VK964	19.94%	27:26
17	Les Météors	19.00%	25:39
18	ANDROIDI	15.48%	30:17
19	Negativ	15.09%	20:08
20	Byte Me	14.96%	14:10
21	Gacka Robotics	13.84%	13:47
22	PG_bern964	12.99%	30:13
23	Pharaohs	11.51%	25:08
24	Rapatac Sandviken	9.83%	22:25
25	Burger Kong	6.27%	29:11
26	Discovery Brika	5.99%	17:09
27	Pinky and the pinkies	3.85%	18:46
28	The bobbbers	1.93%	16:50
29	Discovery Mraweb	1.89%	14:48
30	Mali programer juniors	1.12%	11:36

Total score based 100% on run scores. Rating the 4 best out of 6 runs, normalized against the relative maximum reached score for the arena.

Line Technical Challenge			
Rank	Team	Normalized Total	Time
1	DinA4	100.00%	2:17
2	BIGG-IRMI	97.44%	4:27
3	Dragon_Hybrid	95.84%	5:06
4	NLO Rescue	93.60%	2:49
5	Spešare	85.28%	6:04
6	Billy	76.00%	4:37
7	Checkmate	72.64%	6:00
8	TVOFF	72.00%	5:31
9	Team Jup Line	70.40%	8:00
10	Robuh	61.44%	4:16
11	Axiom	55.20%	5:35
12	ISIS VALDARNO - AGEM	53.60%	7:55
13	RC Tech	52.80%	6:00
14	RoboCassano26	52.16%	6:56
15	HTL Trieben Engineering	51.20%	7:11
16	Školska Knjiga CRO	50.08%	4:19
17	The Springrolls	45.60%	6:40
18	Library	43.04%	8:00
19	BMO	20.00%	8:00
20	Die Haftermachelmacher	19.20%	8:00
21	Mali programer - Kesteni	8.00%	6:20
22	WisyyBot	6.72%	1:25
23	Discovery Baklouti	4.00%	7:15
24	Eurobot	0.80%	1:25
	Discovery Hrisa	did not compete	
	Hermes	did not compete	
	Iron Line	did not compete	
	King Julian	did not compete	

Line Entry Technical Challenge			
Rank	Team	Normalized Total	Time
1	LOMBARDI	100.00%	2:04
2	Mc Qeen 95 - IcTn3	100.00%	3:31
3	BoraForce	100.00%	3:46
4	Team Günther 7	91.40%	5:23
5	Goblin Gang	89.09%	3:59
6	Die Steine	89.09%	4:07
7	Klaka Robotics	85.12%	1:31
8	Burger Kong	79.34%	5:21
9	Jeuf	72.73%	4:22
10	Ninja Turtles	69.42%	4:11
11	Leerzeichen	58.18%	3:41
12	ANDROIDI	58.18%	7:42
13	Discovery Mraweb	52.89%	3:27
14	Balmazrobot	52.07%	2:50
15	Die Bugs	47.93%	2:53
16	Brain	47.11%	5:10
17	Die Grafen	42.98%	2:43
18	Les Météors	39.67%	2:58
19	Pharaos	36.36%	1:57
20	Discovery Brika	30.58%	3:08
21	Rapatac Sandviken	23.97%	2:10
22	Byte Me	23.97%	4:23
23	Gacka Robotics	21.98%	3:19
24	Negativ	17.36%	2:59
25	JADROLINKE	7.27%	6:03
26	Mali programer juniors	2.31%	1:16
	The bobbers	did not compete	
	Pinky and the pinkies	did not compete	
	PG_bern964	did not compete	
	VK964	did not compete	

Line TDP Ranking		Line Poster Ranking	
Team	Score	Ranking	Team
NLO Rescue	86	1	NLO Rescue
DinA4	85	2	Dragon_Hybrid
Mali programer - Kesteni	83	3	Checkmate
Checkmate	81	4	TVOFF
BIGG-IRMI	75	5	DinA4
Robuh	72	6	BIGG-IRMI
TVOFF	68	7	ISIS VALDARNO - AGEM
Spešare	68	8	Robuh
ISIS VALDARNO - AGEM	64	9	Spešare
Axiom	63	10	Školska Knjiga CRO
KING JULIAN	60	11	Hermes
Školska Knjiga CRO	60	12	The Springrolls
Dragon_Hybrid	59	13	Team Jup Line
BMO	57	14	Robocassano26
Library	49	15	Billy
The Springrolls	47	16	BMO
RoboCassano26	46	17	Die Haftelmacher
RC Tech	44	18	Library
Iron Line	40	19	Axiom
Team Jup Line	38	20	RCTech
Die Haftelmacher	37	21	HTL Trieben Engineering
Hermes	31	22	KING JULIAN
Billy	27	23	Iron Line
HTL Trieben Engineering	24	24	Mali programer - Kesteni
Maximum possible Rubrics score is 102 pts			

Line Entry does not include TDP or Posters in scoring, we still wanted to provide scoring for the teams that handed in documentation as a reference for future submissions.

Line Entry TDP		Line Entry Posters	
Team	Score	Rank	Team
The_Bobbers	47	1	Team-Pharaos
VK964	45	2	PG_bern964
Pharaohs	40	3	VK964
PG_bern964	34	4	Team Günther 7
Ninja Turtles	33	5	Die Grafen
Team Günther 7	27	6	BURGER_KONG
Die Grafen	21	7	Ninja-Turtles
Pinky-and-the-pinkies	20		
Maximum possible Rubrics score is 102 pts			

Maze			
Rank	Team	Normalized Total	Total Time
1	Bodensee Beavers	92.64%	11:30
2	LIGHTNING	88.60%	16:00
3	MezaMaze	54.82%	16:00
4	Theseus	42.02%	16:00
5	B.Robots	39.43%	16:00
6	STRUCA BOTONI	36.57%	14:03
7	B.Robots Junior	31.33%	16:00
8	photon	30.23%	14:49
9	WvSG_Wall-E	26.32%	16:00
10	SERŠ TEAM	25.88%	6:09
11	Backfeed	22.31%	10:47
12	Skarlax	20.38%	12:17
13	Arouca Bots	17.89%	8:15
14	Minotaurus	15.73%	9:12
15	Team Jup Maze	10.08%	8:47
16	Discovery Torchi	3.75%	16:00
17	RoboWatch	3.17%	9:46
18	Orange Bots	0.04%	8:25

Total score based 60% on run scores, 20% on TDP/Poster, 20% on Technical Challenge. Run scores rating the best 2 out of 3 runs. Run and TC scores normalized against the relative maximum reached score for the arena.

Maze Entry			
Rank	Team	Normalized Total	Total Time
1	Bratnudeln	56.77%	13:25
2	Cl Varazdin	56.13%	9:52
3	Cyber Knights	54.55%	15:50
4	Gebruder Weiss CRO	52.26%	11:24
5	KaMa Robots	52.20%	14:12
6	Circuit Breakers	50.00%	16:00
7	MazeRunner	44.35%	15:25
8	BIG-Team	35.09%	16:00
9	WvSG_Mann'n'Maus	34.71%	14:11
10	Pixel Pirates	28.54%	16:00
11	Capybara!	28.12%	16:00
12	Bioter Botsi	25.89%	12:45
13	Nexus	16.88%	16:00
14	Kreep's	13.78%	16:00
15	M-I-E	11.60%	16:00
16	Mazetrix Vienna	7.10%	11:35
17	MAS	3.35%	16:00
18	Discovery Mlawi	0.00%	9:50
19	Panikk Protokoll	0.00%	16:00

Total score based 100% on run scores. Rating the best 2 out of 3 runs, normalized against the relative maximum reached score for the arena.

Maze Technical Challenge					
Rank	Team	Normalized Total	Layout Match	Elements Match	Victims Match
1	Bodensee Beavers	100.00%	99.1%	77.8%	93.3%
2	STRUCA BOTONI	94.46%	100.0%	77.8%	60.0%
3	MezaMaze	80.72%	99.1%	66.7%	0.0%
4	LIGHTNING	73.01%	98.1%	55.6%	0.0%
5	B.Robots	53.98%	82.1%	44.4%	40.0%
6	photon	34.94%	54.2%	88.9%	0.0%
7	B.Robots Junior	26.51%	2.4%	11.1%	0.0%
8	Theseus	24.10%	0.0%	0.0%	0.0%
9	SERŠ TEAM	17.59%	29.7%	22.2%	0.0%
10	WvSG_Wall-E	14.46%	35.4%	11.1%	0.0%
11	Team Jup Maze	2.41%	2.4%	11.1%	0.0%
11	Minotaurus	2.41%	2.4%	11.1%	0.0%
12	Discovery Torchi	0.00%	0.0%	0.0%	0.0%
12	Skarlax	0.00%	0.0%	0.0%	0.0%
12	RoboWatch	0.00%	0.0%	0.0%	0.0%
12	Backfeed	0.00%	0.0%	0.0%	0.0%
12	Orange Bots	0.00%	0.0%	0.0%	0.0%
12	Arouca Bots	0.00%	0.0%	0.0%	0.0%

Scoring according the provided rules. Additionally, we provide Match-Metrics as reference how good mapping, localisation perception was. 100% means perfect match to arena.

Layout: basic structure of the arena (tile coordinates, walls)

Elements: special tile types (black, silver, blue, speed bump, etc.)

Victims: location and type of victims

Maze Entry Technical Challenge			
Rank	Team	Normalized Total	Time
1	Gebruder Weiss CRO	100.0%	4:45:00
2	Cyber Knights	88.0%	6:50:00
3	KaMa Robots	58.0%	8:00:00
4	BIG-Team	54.0%	8:00:00
5	Capybara!	42.0%	8:00:00
6	CI Varazdin	38.0%	8:00:00
7	Bioter Botsi	35.0%	5:48:00
8	MazeRunner	35.0%	6:16:00
9	WvSG_Mann'n'Maus	31.0%	7:11:00
10	Nexus	27.0%	8:00:00
11	Circuit Breakers	23.0%	7:15:00
12	Mazetrix Vienna	23.0%	8:00:00
13	Kreep's	15.0%	8:00:00
14	Pixel Pirates	12.0%	6:40:00
15	MAS	8.0%	8:00:00
16	Bratnudeln	0.0%	3:42:00
17	M-I-E	0.0%	5:00:00
18	Discovery Mlawi	0.0%	8:00:00
18	Panikk Protokoll	0.0%	8:00:00

Maze TDP Ranking		Maze Poster Ranking	
Team	Score	Ranking	Team
B.Robots	84	1	B.Robots Junior
B.Robots Junior	84	2	LIGHTNING
Skarlax	76	3	Bodensee Beavers
SERŠ TEAM	76	4	SERŠ TEAM
Bodensee Beavers	75	5	B.Robots
MezaMaze	72	6	MezaMaze
LIGHTNING	70	7	photon
STRUCA BOTONI	68	8	WvSG_Wall·E
Minotaurus	67	9	Minotaurus
Theseus	64	10	Arouca Bots
photon	63	11	Team Jup Maze
Arouca Bots	54	12	STRUCA BOTONI
WvSG_Wall·E	48		
Team Jup Maze	35		
RoboWatch	22		
Maximum possible Rubrics score is 102 p			

Maze Entry does not include TDP or Posters in scoring, we still provide scoring for the teams that handed in documentation as reference for future submissions.

Maze Entry TDP Ranking		Maze Entry Poster Ranking	
Team	Score	Ranking	Team
Panikk Protokoll	39	1	Panikk Protokoll
MAS	61	2	BIG-Team
BIG-Team	37	3	MAS
Nexus	55	4	Mazetrix Vienna
		5	Nexus
		6	Bioter Botsi

Maximum possible Rubrics score is 102 p