Introducing the
NXP CUP EMEA 2022

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For further information visit our
NXP CUP Homepage

THE NXP CUP EMEA SEASON 10!

It's small, it's priced right for students and it runs real-world autonomous car software. This is NXP Cup—the invitation to make a pro-level autonomous model car. Participants build, program and race a model car against other teams, aiming for fastest time and precise manoeuvring. Now running in its 10th season in EMEA!

AUTONOMY	ROBOTICS	MECHATRONICS	CODING

TEAMWORK I NETWORK I CHALLENGE

JOIN THE GREATEST AUTONOMOUS ROBOTICS AND AUTOMOTIVE CHALLENGE IN EMEA

150 TEAMS
Join on your own or add up to 2 members to join!

16+ COUNTRIES
Including France, The Netherlands, Romania, Russia, Germany, Morocco, Lebanon and many more

60 UNIVERSITIES
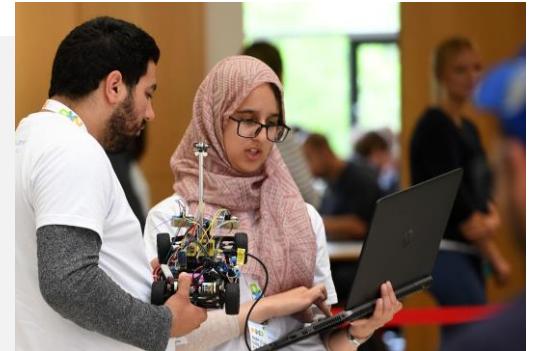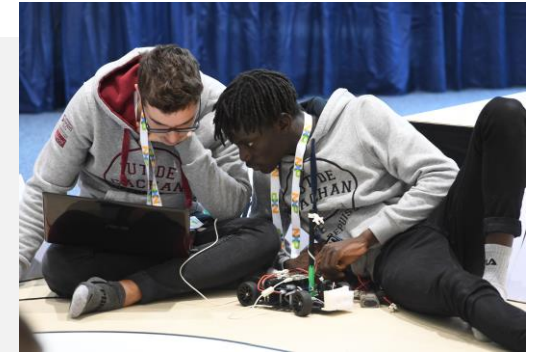All students welcome: High School and STEM, Bachelor, Master, PhD, Robotic Clubs

QUALIFICATIONS
In-Person events will take place on your Campus or NXP Facility.

FINALS
The winners will be announced during FINALS with €10,000 in prizes!

NXP CUP EMEA 2022

*All numbers from previous seasons

DEVELOPED FOR STUDENTS TO GET A QUICKSTART INTO HARDWARE AND SOFTWARE

SUPPORT

Ready to use courses, code snippets, Webinars, Community help, Development platform (1/16 Race Car)
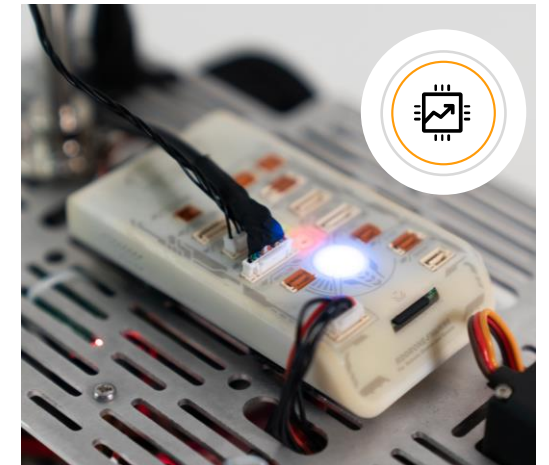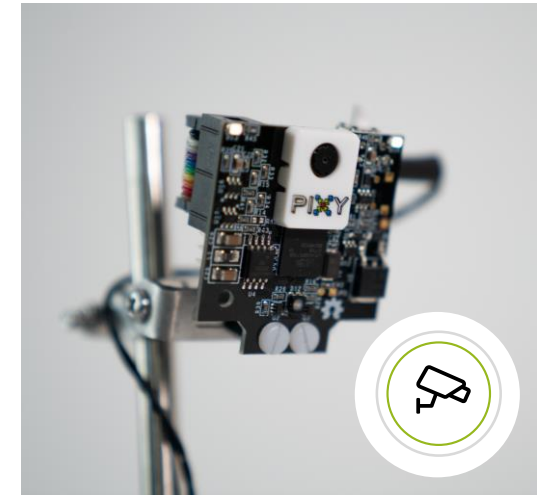
THEORY INTO PRACTISE

Apply your learning into a practical and exciting program

EMPLOYMENT

Great addition to the CV and opportunity for networking
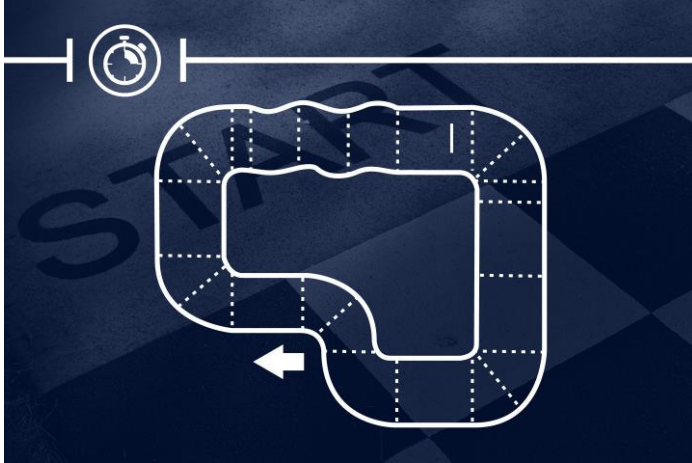
THE NEXT GENERATION OF NXP CUP CAR: THE NXP CUP BUGGY

Available on nxp.com for purchase from December 3rd, 2021

Featuring the PX4 Robotic Drone/Rover Management Unit RDDRONE-FMUK66

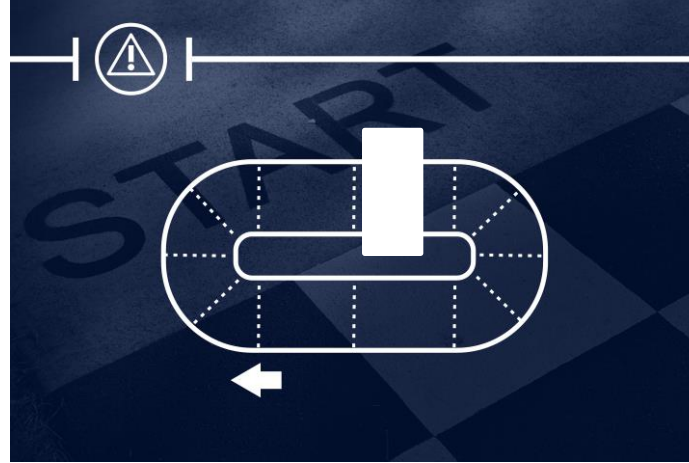Compatible with the Gazebo Simulation Environment

THE MISSIONS AT HAND FOR THE PARTICIPANTS OF THE NXP CUP

SPEED RACE
FASTEST LAP TIME

Each Team will run on an undisclosed racetrack layout.

Fastest lap time wins this challenge.

LAP OF HONOR

After you are done with your fastest lap, slow down the car to a crawl after the finish line and park it automatically within 10cm in front of an obstacle placed on the racetrack. Sponsored by Mouser

THE NXP CUP VIDEO CONTEST

Upload your videos on your YouTube account about your NXP Cup experience, tryouts, performance and bloopers with #NXPCup and be featured on the Electromaker YouTube Weekly Program. Visit Electromaker for more details

2022 ANNIVERSARY SEASON

Enroll
Oct-Dec
2021

Design
Oct-Mar

Qualify
April

Win
May
2022

RESOURCES AND USEFUL LINKS

- All the details on the official NXP Cup website

- Participate in the NXP Cup Community

- Check out the rules of the NXP Cup 10th Edition

- Inform yourself and get started on Gazebo for the NXP Cup

- Sign up for the NXP Cup 10th Edition

NXP

SECURE CONNECTIONS
FOR A SMARTER WORLD