

PRESENTATION ROOMS ROUND 1

ROOM 1

14:05 – 14:16	Mechanical Engineering	Developing of in-house “battery cell test-rig”
14:16 – 14:27	Mechanical Engineering	Electrical Storage in Households
14:27 – 14:38	Mechanical Engineering	Solar water treatment
14:38 – 14:49	Mechanical Engineering	Drones
14:49 – 15:00	Mechatronics	DUSTERR prototype dynamic UV- LIGHT sterilization robot
15:00 – 15:11	Mechatronics	H-drive precision xy-stage

ROOM 2

14:05 – 14:16	Mechanical Engineering	Design of a scraping head for an automatic tissue dissection machine
14:16 – 14:27	Mechanical Engineering	Self Cooling Drinking system
14:27 – 14:38	Automotive Engineering	Combustion detection H2 engines
14:38 – 14:49	Mechanical Engineering	Devices to help companies to execute Corona policies
14:49 – 15:00	Applied Mathematics	Predicting order quantities

ROOM 3

14:05 – 14:16	Automotive Engineering	Swappable battery pack e-scooter
14:16 – 14:27	Automotive Engineering	Laconsienza
14:27 – 14:38	Automotive Engineering	Energy efficient electric vehicle
14:38 – 14:49	Mechatronics	Automatic fabric feeding unit Eisenkolb
14:49 – 15:00	Mechatronics	De-powdering unit for Metal 3D printing

ROOM 4

14:05 – 14:16	Mechatronics	Smart Car Factory Alten
14:16 – 14:27	Mechatronics	Siemens Transfer System
14:27 – 14:38	Automotive Engineering	Fabulos - last mile transport
14:38 – 14:49	Mechanical Engineering	Carbon Neutral by 2030
14:49 – 15:00	Mechanical Engineering	Designing a hydrogen network for electricity and heat
15:00 – 15:11	Mechanical Engineering	BullsAI gym tracker

ROOM 5

14:05 – 14:16	Mechanical Engineering	Transformable wheelchair
14:16 – 14:27	Mechanical Engineering	CENACO; Cooling of Electronics by Natural Convection
14:27 – 14:38	Mechanical Engineering	Thermal behaviour of food products
14:38 – 14:49	Electrical Engineering	Smart Scan
14:49 – 15:00	Automotive Engineering	Parkshuttle - 2getthereAgain
15:00 – 15:11	Mechanical Engineering	PriMo (Printed Molds)

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PRESENTATION ROOMS ROUND 2

ROOM 1

15:30 – 15:41	Mechatronics	Self Dancing Robot Control
15:41 – 15:52	Automotive Engineering	Better tyres for electric busses
15:52 – 16:03	Electrical Engineering	E-bike BMS systems and Regenerative braking
16:03 – 16:14	Mechanical Engineering	UV-C disinfection robot
16:14 – 16:25	Mechanical Engineering	Design and test the internal damping capacity of 3d metal printed structures
16:25 – 16:36	Mechanical Engineering	Hospital 2050

ROOM 2

15:30 – 15:41	Applied Mathmatics	Forecast amount of returns
15:41 – 15:52	Applied Mathmatics	Running Dinner
15:52 – 16:03	Automotive Engineering	Feed Forward Control Kart
16:03 – 16:14	Mechanical Engineering	A different food packaging
16:14 – 16:25	Mechanical Engineering	Smart mobility for cities
16:25 – 16:36	Automotive Engineering	Drive line validation E-trucks Rotterdam

ROOM 3

15:30 – 15:41	Mechanical Engineering	Improving the tensile strength Z-direction of 3D prints
15:41 – 15:52	Mechanical Engineering	HAN and Polytech
15:52 – 16:03	Automotive Engineering	Test setup H2 injectors
16:03 – 16:14	Electrical Engineering	Smart Plant Monitoring System
16:14 – 16:25	Electrical Engineering	Medical Ventilator
16:25 – 16:36	Mechatronics	RIGS Bartenderbot

ROOM 4

15:30 – 15:41	Mechatronics	Assisted Cleaning Solutions
15:41 – 15:52	Mechatronics	Bromm Linear Motor
15:52 – 16:03	Automotive Engineering	Autonomous Ecomarathon vehicle
16:03 – 16:14	Mechatronics	Cross Robot Localisation
16:14 – 16:25	Mechatronics	Project Mo circular drivetrain design
16:25 – 16:36	Mechanical Engineering	3D printing leaf springs

ROOM 5

15:30 – 15:41	Automotive Engineering	Energy consumption E-buses
15:41 – 15:52	Mechanical Engineering	Redesign on the ARINNA interferometer
15:52 – 16:03	Automotive Engineering	VETIS; Drive line validation of electric buses
16:03 – 16:14	Automotive Engineering	energy consumption E-trucks Limburg NRW
16:14 – 16:25	Mechanical Engineering	Microplastics filtering from water

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