

Freaked Out



Robocup Junior, Rescue Primary

BRG Kepler, Graz, Austria
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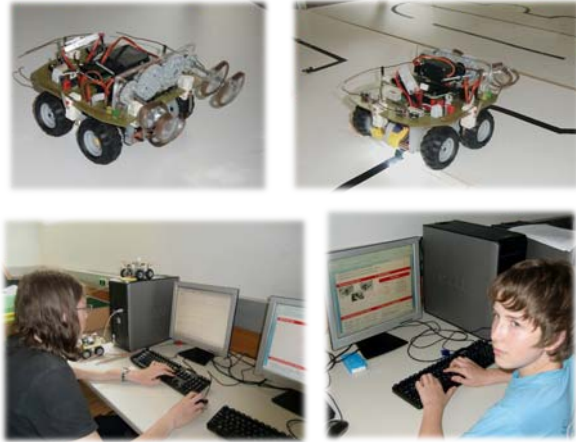


More details about us

We are an Austrian Team – two students at the 4/5th grade of the BRG Kepler and we are 14 years old. We are interested in robotics and work since 3 years with robots. We invested much of our free time in Robocup and this our first World championship.



Pictures of the work



Details of our robot

Our robot – the “KeplerBot”

Processor	Atmega 32
Motors	2x Modelcraft servo-motors
Sensors	8x Lightsensors 5x Touch-sensors 1x Tilt sensor

Conclusions & Future Work

We have enjoyed working for the Robocup, and we learned many interesting things, which are important for our future work. We also want to participate in the competitions next year.

Part of our programm

```

if(((Status==2)|| (Status==5))&&(KOLLISION_RECHTS()==1))
{
MOTOR_LINKS(-150);
MOTOR_RECHTS(50);
SLEEP(300);
}

if (Status==2) //Gerade
{
SHOW_ZEILE(1, "vorwärts");
MotorLinksSpeed=400;
MotorRechtsSpeed=310;
}

if (Status==5) //Lücke
{
SHOW_ZEILE(1, "Lücke");
MotorLinksSpeed=400;
MotorRechtsSpeed=310;
}

if ((Status==5)&&(Rampe==1)) //Rampe
{
SHOW_ZEILE(1, "Rampe");
MotorLinksSpeed=400;
MotorRechtsSpeed=310;
}

```

