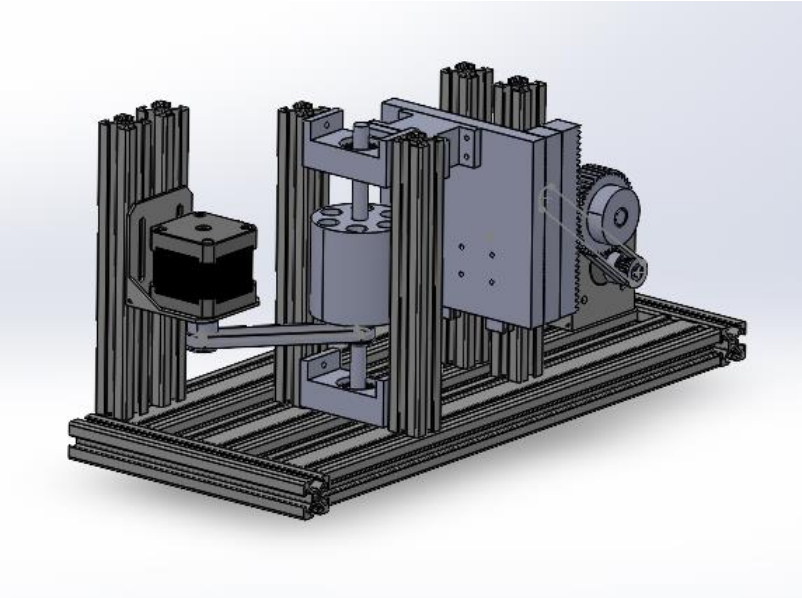
Newsletter

Hardware is finally here

We began to assemble the different party for the hardware, but some parts don't match perfectly to each other. Therefore we´ll adjust the parts and make new ones to make everything fit well. After the mechanical parts are assembled, we will begin wiring all the electronics and program it for the use with our software. With the realization of the hardware, we are one step closer to making the "Dip Method" a reality.



IT and WIKI

We began with the extension of the DNA encoder and decoder software so that it works more efficiently and uses less overhead. Also, we are making good progress with the wiki which will be finalized in October.

Final steps in the Wet lab

In the Wet lab we got the immobilization of the primer to work. In contrast to our statement in the last Newsletter we used Biotin-Streptavidin binding, instead of adhesive peptides, to immobilize the primers.

In addition, we did the first cyclic synthesis of a DNA-strand. With all the parts now being in place, we should be able to automatically synthesize DNA strands as soon as the hardware works.

Erasmus+ program in Greece

Some members of our Team had the possibility to go to Greece for a one-week exchange program. There they met other iGEM-Teams from all over Europe. Since one of the main topics of the meetup was sustainability, they talked about and exchanged Ideas on how science can make the world more environmentally friendly. In order to draw more attention to the topic a play about "mother nature" was performed before a live audience in Greece.

Another big topic of the exchange program was science communication and how research can be presented to non-scientific communities.

for a better world – for a better future – for a better us