SHIFTIN' TIMES

—SHIFT HYPERLOOP NEWSLETTER—

SHIFT
HYPERLOOP

Oktober
2020

Content

Norske studenter utvikler hyperloop-pod til stor, internasjonal konkurranse

Studentorganisasjonen ved NTNU har i to år jobbet med forberedelsene til den store Hyperloop-konkurransen SpaceX i California. Sommeren 2021 stiller de med egen pod.

tudentene skal utvikle en Hyperloop-pod til den internasjonale Hyperloopkonkurransen SpaceX i California. (Illustrasjon: Shift Hyperloop)

As you can see Teknisk Ukeblad wrote an article about shift hyperloop.

Go check it out!

Concept Review

**The 3rd and 4th of October Shift
held their annual concept review.
All group presented their strategic
plan for the year and recieved
constructive feedback.**

**This is an important
happening where each group
gets to update each other,
sponsors and others who are interested.**

Social

We have also arranged several social events such as board game nights, Smash Bros tournament and gaming evenings

THE TIM
ARE SH

This world is in constant change.
New and advanced technology
shapes our scociety for the better.

Shift Hyperloop wants to be
part of that change.

The new name of our newsletter
reflects this vision.

ES THEY IIFTIN`

Last month we had an internal competition which purpose was to come up wiht the best possible name for our newsletter.

Shiftin` times is the name that best suits our vision and goals.

Ludvik Rønning
CTO

Full name:
Ludvik Rønning

Age:
21

Line of Study:
Electronic systems
design and innovation
(3rd year)

Hometown:
Ålesund

E OF OUR
O'S

What is it like beeing CTO for Shift?

It's just awesome!

What previous experiences are you bringing into Shift?

Two years ago I was on the electrical team at DNV GL Fuel Fighter. Last year I was the group leader at the electrical group here at Shift.

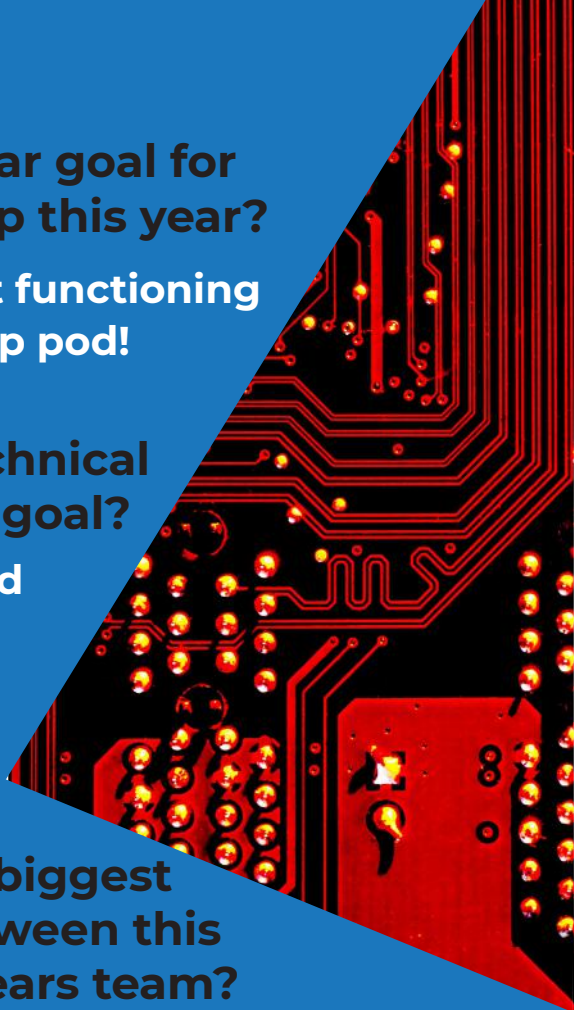**Is there a clear goal for the technical group this year?**

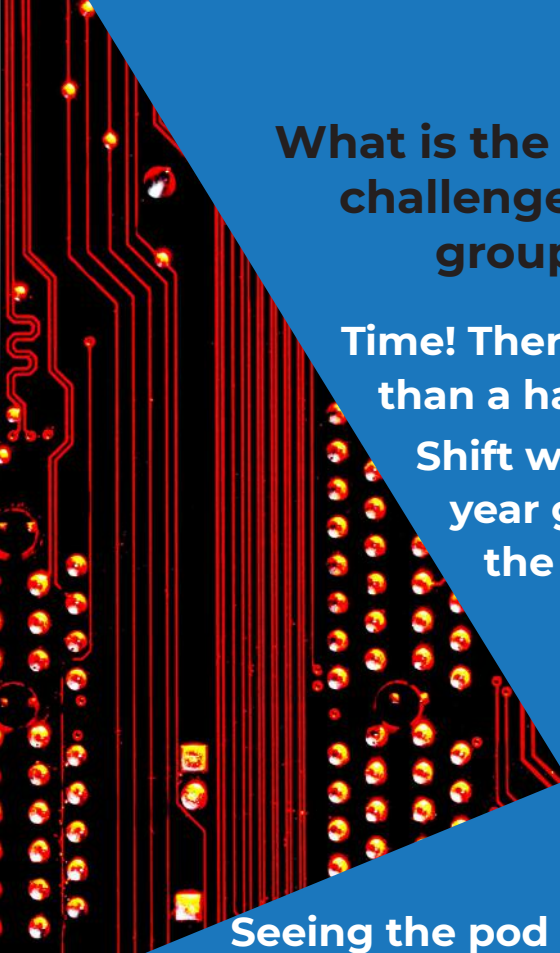Yes. Build the first functioning nordic hyperloop pod!

How will the technical groups achieve this goal?

With hard work and ambitious deadlines I believe that we can achieve any goal.

What is the biggest difference between this year and last years team?

Most importantly we have restructured the groups to be more task orientated, and we have more members than last year.

What is the biggest challenge for the technical groups in general?

Time! There are probably less than a handfull of people at Shift who realize how fast the year goes. All of a sudden the reveal is here!

What are you most excited about for the year to come?

Seeing the pod come to life, of course. I also look forword to the competitions.

Do you have anything you wish to say to our current and future team members?

You're probably more awesome than you realize! We are at the center of hyperloop development and innovation in Norway right now. and that's not going to change anytime soon. Keep up the good work!

SOFTV

The main objective for
the software group is
to create an application
which will recieve,
analyze and display
livefeed from the pod.

The application will
be used to start and stop
the pod, as well as it will
analyze the "run" to see
if anything goes wrong

HE MONTH
WARE

Mathias Rønning
Group Leader

-With an application like this
we will be able to see what
we need to improve to make
the pod better and faster.

-The software group has
a total of seven members
that are devided into three
subgroups: Decoding,
Processing and Visualization.

"I really appreciate that I am able to work on something that is both fun and relevant.

We also have a lot of fun together. Making internal jokes and memes is one of the factors which makes our group so special"

Håkon Waage
Software

The main challenge for software group is to make the application fast enough to see the information from the pod in real-time.

Another challenge is that many of the group members are new to some of the equipment we use.

"It's inspiring to work with likeminded people on a project like this.

I look forward to seeing the finished product and I hope it will look aesthetically nice in addition to working seamlessly."

Simon Vetter
Software

As groupleader Mathias is confident that they will overcome these challenges.

The group members are really invested in making this project reality and that secures the overall quality.

Some weeks ago,
Shift got the exciting message
that we have been invited to the very
first European Hyperloop week
in the summer of 2021!

This event is organiced by four different
hyperloop teams in Europe, and is to
be held at the Polyethnic University
of Valencia, Spain.

The goal for the conference is to create a
hyperloop ecosystem and community in Europe,
bring together university teams, and spark cooperation
with companies within the hyperloop industry.

2021 IS
O SPAIN!

There will be panels, discussion boards, workshops, design showcases, evening speaker events and much more! Even more importantly there will be fantastic networkning opportunities with students, industry proffesionals and academics from all around the world.

The last two days will of course go off with a BOOM;

Open air full run tests on the track, and the final event itself!

We are ready for take off!

André Henriksen
Relations
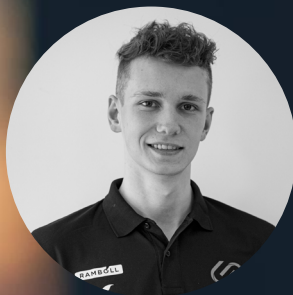
Lars Vatten
Concept

Hanne Ødegård
Software

Simen Tufte
Mechanical

During October Shift appointed a brand new social committee to be responsible for arranging social events within the organization

It consists of 8 members from 8 differen groups.

Sageeban
Krishnasothy
Powertrain

Tage Grønli
Electronics

Magnus Oddstøl
Battery

Kevin Elshaug
Levitation

The idea is to organize one social event per week, varying from board game evenings, to parties, and social get -togethers.

This will help build a stronger culture in Shift and hopefully boost our team spirit and performance.

ALVA

RAMBØLL

Bright ideas. Sustainable change.

Hydro

Jernbane-direktoratet

NTNU
Kunnskap for en bedre verden

Altium.

WE
WÜRTH ELEKTRONIK

SIMPRO

NCAB GROUP
Integrated PCB Production