

Nik hef

And ... Why

SHOULD WE NEED A Sci/Fi detector?

Prikkers!

VInterAction SessionS

White Rabbit: precision time distribution over ethernet



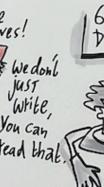
They are Keeping me for RANSOM! ATCSIRT

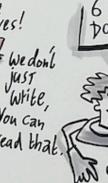
the Security Operations

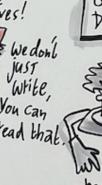


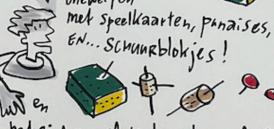












BUT... IT CAN Also REFLECT!

WE MONITOR FOR ANOMALIES.

Pon't worry, When it goes wrong, we deal with it

"We'll MAKE A PROfit From Problems." (fact!)

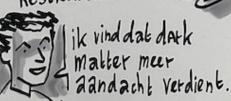
KillCHAIN!

the RIGHT Way.

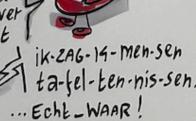
het zier er wel wetenschappelijk uit!

Internal Communications

has grown so Much, it needs to L



mensen Ptaten Makkelijker over Colliders dan over inclusiviteit





GRRRR FRR

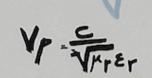
RF DESIGN

if you have a signal,

You can transmit it...

through ANYTHING.

We have very big and powerful machines with loads of capacity, data etc! We are connected to MISP/CERT and many other Prominent parties.



N. Vermeet Tekening: I. RADE FIJNE DAG MAKER WWW. fijnedag. Pro

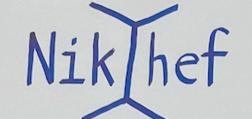
Simple WIRE

Simple WiRE the field of

RF- design.

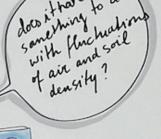


Team





What we do at MEMS is interesting for space, aerospace, intrastructure, seismic sensors etc.



I THINK SO! CAN MAKE A REMOUT ON A SENSEIS CHIP.

it has great configurability to!

WEAH IT WAS DEVELOPED WITH XFAB 0.35 UM HV PROCESS



OWC group activities are numerous ! set up quide lines, mentoring

DRSTP, support PhD training, c3 meetings etc etc. BND schools (Belgium, Germany, NL) great for social bonding too!

Nikhef Postdoc council will be set up soon partnering with other universities We want to keep our talents on board!

agreat!

the integral circuit teclinal gy allows us to connect to go much faster and to consume more which is very cost effective. We go from parallel to serial by which it all goes even faster. The selection signal is great. Not standard technology but it's a bit customized already. WOW GREAT WORK!

when the lights are off. Higgs is on!

we just don't know why



f not, SM

will be in

What I'm searthing for might not exist. (heavy resonance searches) HADRONS, LEPTONS etc. we need to maximise statistical power



we need data driven methods because they're much more reliable



RESULTS CAN BE EXPECTED SOON!

Young PhD council for ideas, complaints, COOL
buddies, mentees &
mentors, activities group inspiring

Tekening: FIJNE DAG www. fijnedag. pro N. Vermeer + i. Rademaker



NIKHEF: HEAD, HANDS AND HEART

The Nikhef ecosystem

Theory phenomenology
Accurate predictions

Nik hef

Instrumentation

Data taking & Analysis
Assemble new knowledge

Nikhef as a top-brand

- International powerful
- Innovative technology, spin-off and outreach
- Train and attract talent

Focus & mass of our activities

Instrumentation and R&D
State of the art detectors



NIKHEF STRATEGY 2023-2028

Expanding knowledge

Nikhef's main research effort is aimed at further expanding our understanding of the universe in terms of elementary particles and forces, through the interpretation of data, and confronting results with theory and vice versa.

Maintaining infrastructure

Much of Nikhef's effort is put into upgrading and exploiting the current experiments and building new experiments. The technology departments at Nikhef are essential to make this happen.

Preparing the future

Nikhef is constantly innovating towards new technologies and designs of new facilities and projects to explore new scientific challenges and opportunities in the years to come.

Healthy partnership

Nikhef strives to be a vibrant, diverse and inclusive community in the (inter)national field of (astro)particle physics by ensuring a safe work environment and investing in people's talents and expertise.



ORGANIZING TEAM

And Rosemarie!









