

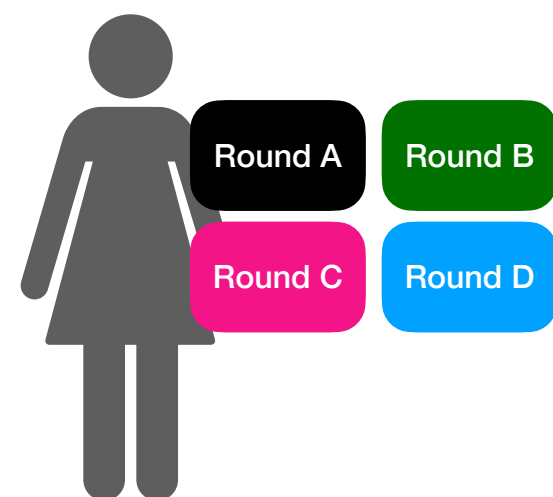
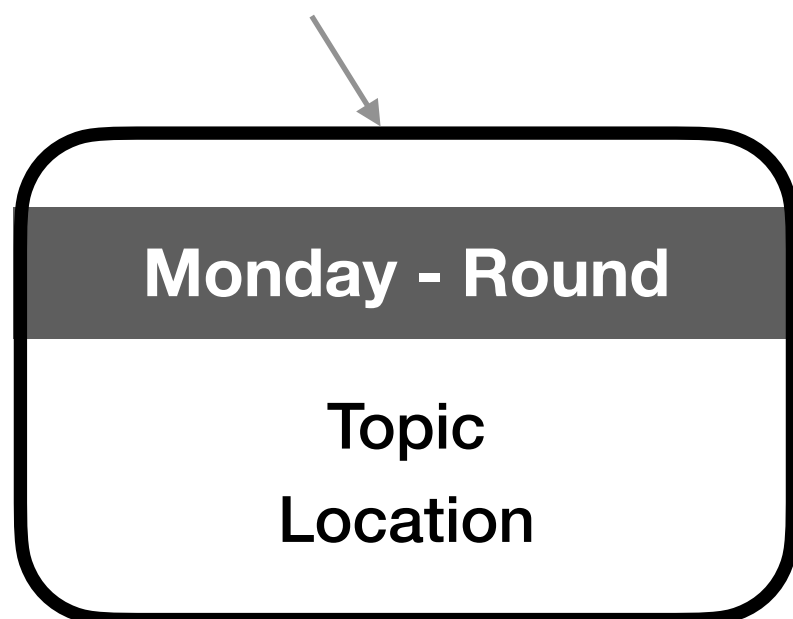
Meet the Engineers

interaction session

There are 4 rounds.

Round A	Round B	Round C	Round D
13:20 - 13:40	13:45 - 14:05	14:10 - 14:30	14:35 - 14:55

Take a sticker for one topic per round.



Be at the location indicated on the sticker when the round starts.

List of topics

Code	Title	Location
MT1	Struggles of an engineer, what makes working with physicists difficult	MT plein
MT2	Building with 6 DOF	Electron
MT3	Bonding with wires	H0.28
MT4	Mill, Mould, Might	H0.73
MT5	It's not nothing enough!	N0.25
MT6	We keep the cool, you get the rest	F0.26
CT1	Stoomboot	H2.34b
CT2	The Security Operations Centre	Library
CT3	The network - mini tour	H1 next to stairs
CT4	Gitlab demo	Bottom
CT5	PO projects	Top

Code	Title	Location
ET1	White Rabbit: precision time distribution over ethernet	Spui
ET2	How is Electronics designed on a board?	Positron
ET3	ATLAS Data Acquisition [DAQ] FELIX: 1000 DVD's per second	N2.21
ET4	High Frequency (GHz) electronics- and signal transmission	N1.48a
Hous1	Housing Power installations	In front of elevator H0
Hous2	Housing Datafloor	H0.30 (next to library)
Hous3	Housing Cooling installations	H3 near elevator
Com1	Hop on board – Get a taste of Nikhef's internal communication journey	Veltman center

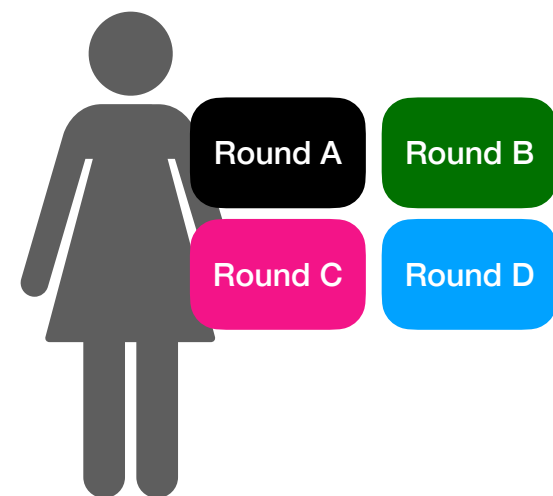
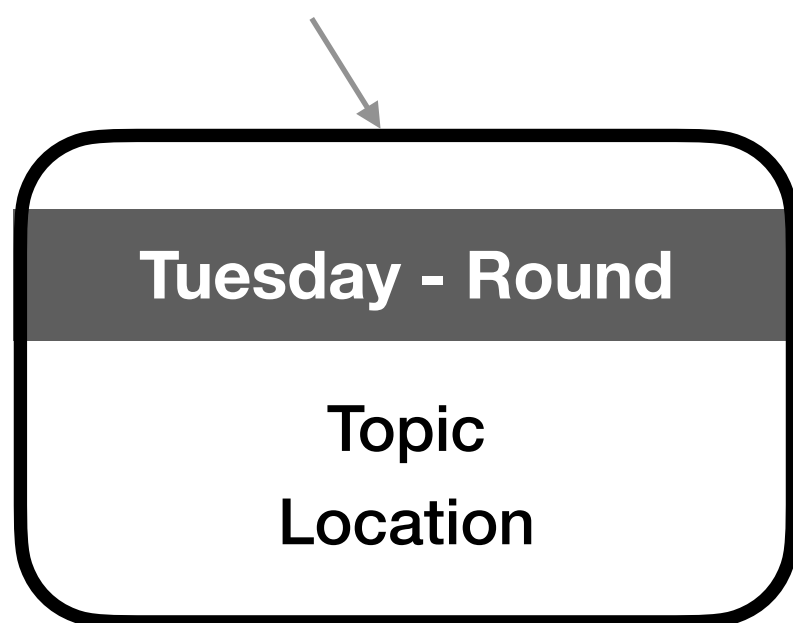
Meet the Scientists

interaction session

There are 4 rounds.

Round A	Round B	Round C	Round D
13:30 - 13:50	13:55 - 14:15	14:20 - 14:40	14:45 - 15:05

Take a sticker for one topic per round.

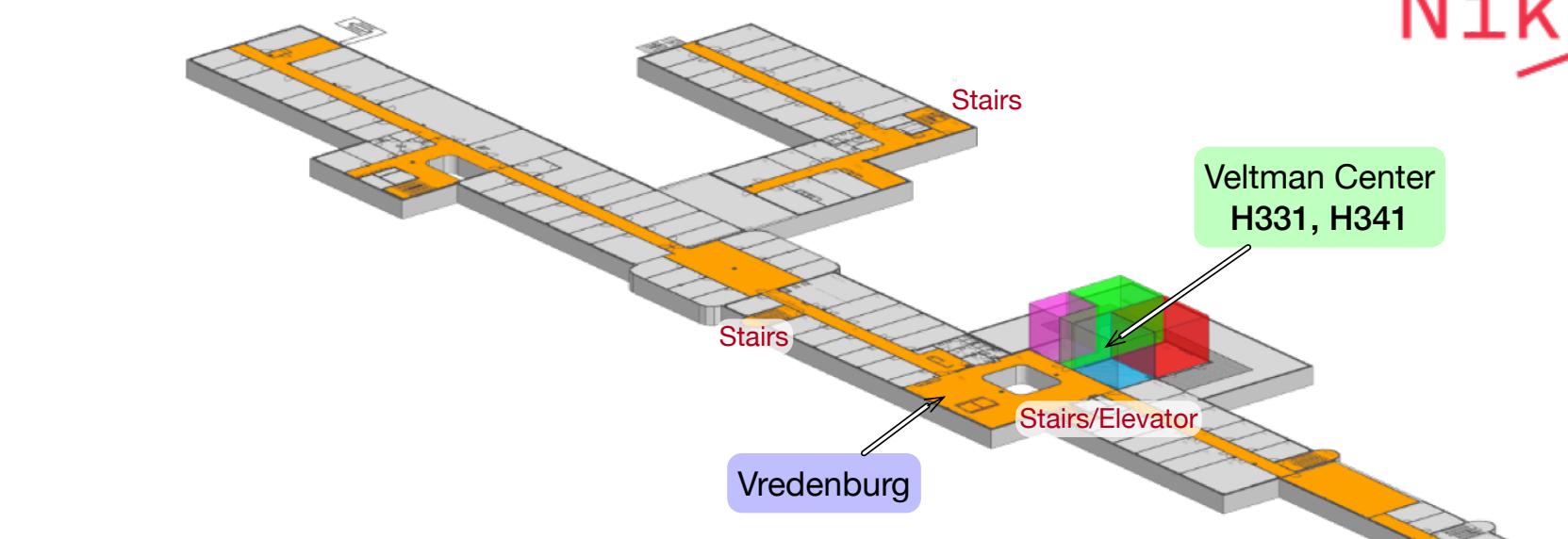


List of topics

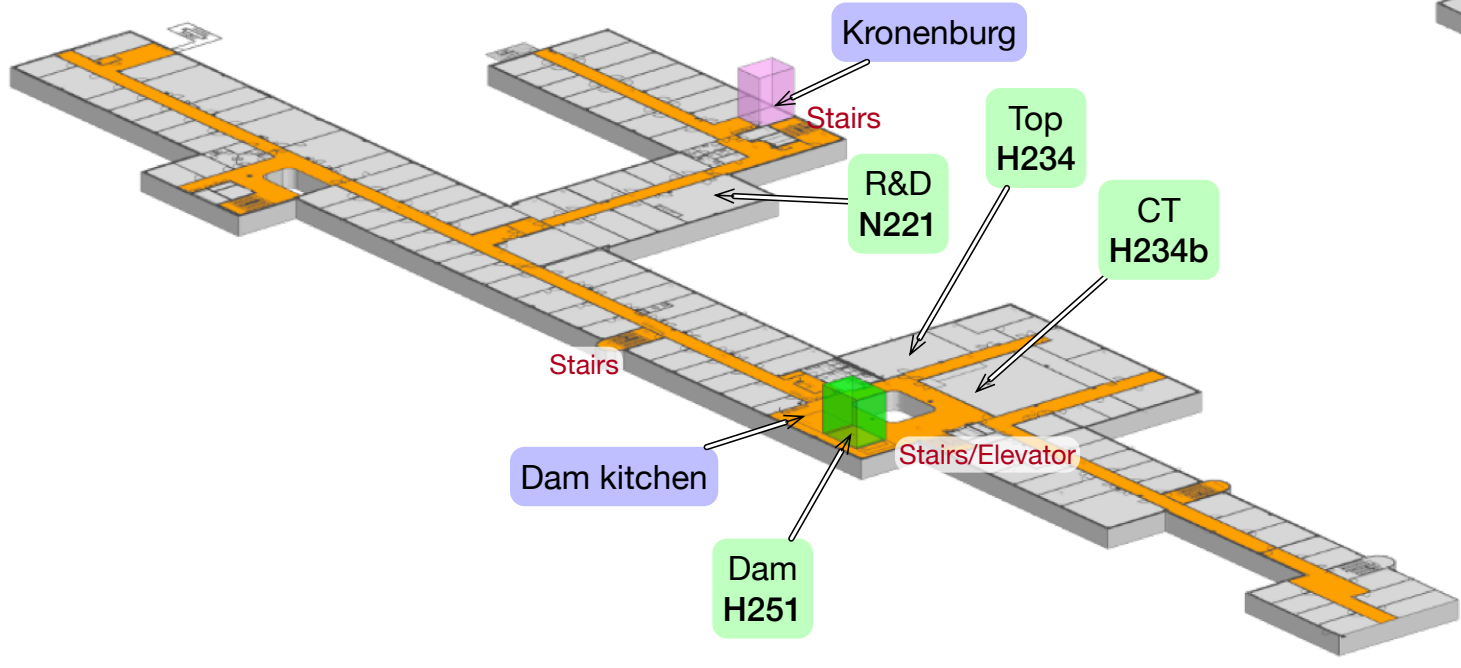
Code	Title	Location
D1	What is a Feynman diagram?	Entrance next to Nikhef logo
PDP1	Need4Scale: why the 'how' of computing is essential, and where to find it	Dam H251
PDP2	Can we get eduGAIN without the pain please?	Dam H251
ATLAS1	What is alignment and why do we need it?	Spui
ATLAS2	The meaning of three sigma	Tau
ATLAS3	What is luminosity?	Top
ATLAS4	Why do we need different types of particle detectors?	Top
DM1	Why do we build things out of low-radioactivity materials?	H0.37
ALICE1	What are quarks and gluons and how do they interact?	Grote Markt
ALICE2	Why do we need 4D tracking?	MT plein
GW1	What is squeezed light?	Bottom
GW2	How to distinguish different formation channels of binary black holes	Electron

Code	Title	Location
GW3	Why can we measure GW (why is the laser not stretched)?	Electron
GW4	Why do you need tilt meters?	Bottom
TH1	Penguin Zoology	Dam kitchen
TH2	Factorization - or what you need to know about predictions for hadron colliders	Dam kitchen
TH3	Holographic shockwave collisions	Spui
Neutrino1	What can the 'Digital Optical Modules' (DOMs) do for us?	Library
eEDM1	What is an EDM and why is it such a big deal?	Positron
UHECR1	Cosmic rays and Cherenkov light	Positron
LHCB1	Why do we need a VELO and a SciFi detector?	Colloquium
LHCB2	What is anti-matter?	Colloquium
R&D1	From particle to signal	H0.39
R&D2	Probing detectors with 'two-photons'	H0.40
R&D3	The eyes of LISA	Expostrip

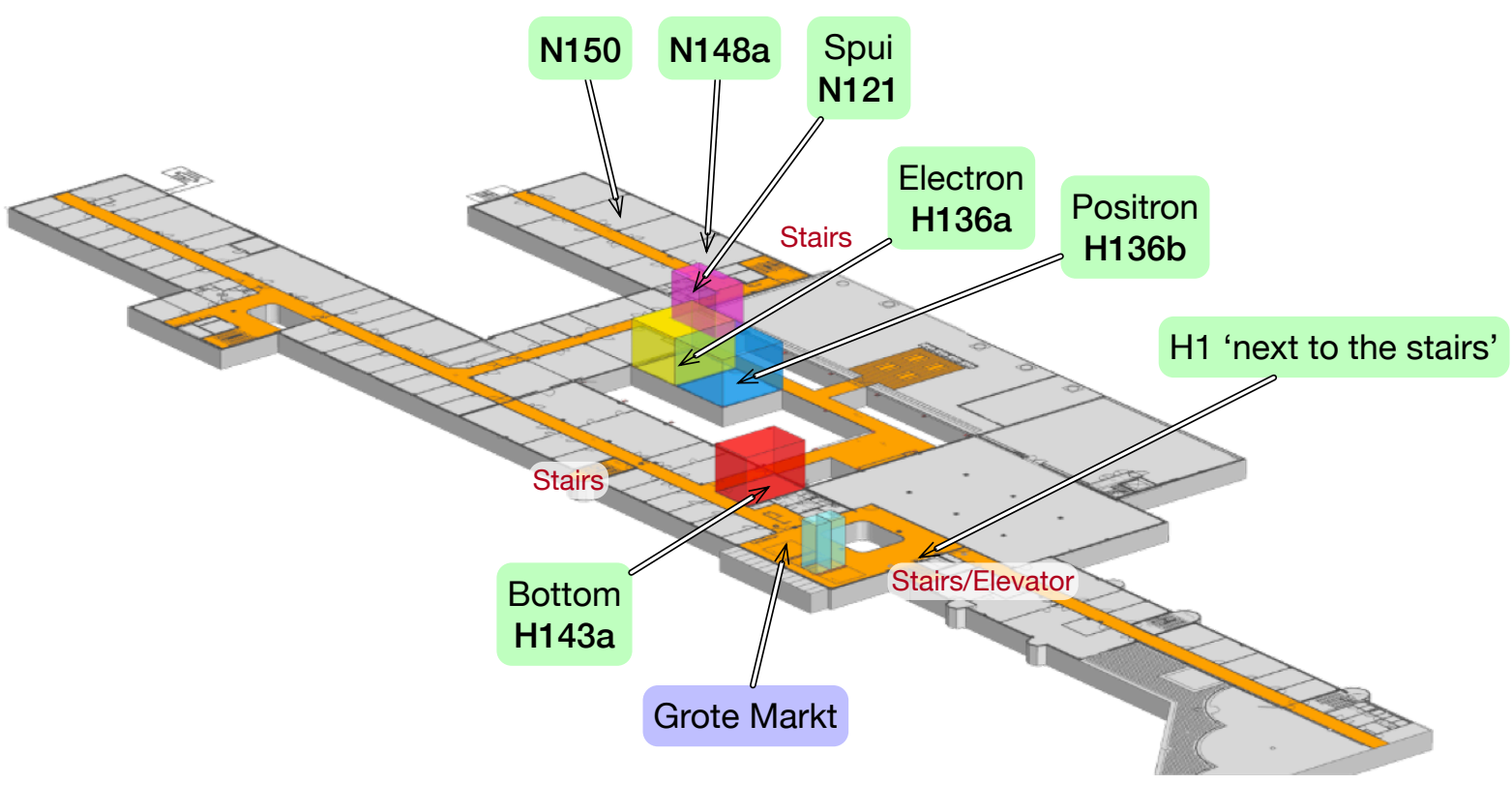
Level 3



Level 2



Level 1



Ground floor

