

A glowing lightbulb hangs from a black cord against a dark blue background. The background is decorated with vertical light streaks and bokeh effects. The lightbulb is illuminated from within, casting a warm glow.

Allmøte Institutt for elektrisk energi

02.09.2025

Topics for today's meeting



Welcome to new
colleagues



Start of the new term,
student numbers



Economy



Strategy and strategic
personnel plan

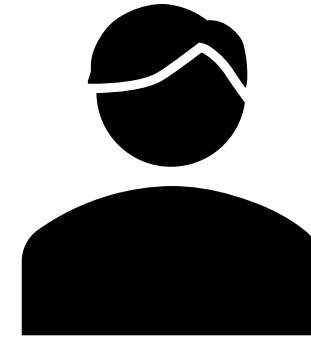
Welcome to new colleagues (1)



Tina Mirzaamin,
PhD candidate
HVT



Liam Dauchat,
PhD candidate
EMESP



Aslan Eqbal,
PhD candidate
EMESP

HVT group: three new PhD students within HVDC cables



AMPRExDC:

Riccardo Facchini

Material characterisation of aged HVDC cable insulation

Supervisor: Øystein Hestad

Salman Khan

Numerical modelling of the ageing of HVDC cable insulation

Supervisor: Frank Mauseth

LowEmission:

Nafees Ahmad

Ageing Models and Reliability of Extruded HVDC Cables for Offshore Power

Supervisor: Øystein Hestad

Welcome to new colleagues (3)



Daniel Baltensperger,
associate professor
PSOA



Terese Olausson,
HR (substitute in 50 %)



PhD defenses



Defenses since last townhall

Ida Fuchs	27.02.2025
Jordon Grant	03.03.2025
Sverre Foslie	21.03.2025
Mohammad Khalili Katoulai	25.04.2025
Matias Vistnes	14.05.2025
Babak Abdolmaleki	22.05.2025
Ayotunde Adeyemo	17.06.2025

Siv.ing - 5-årig

Studieprogram	Ramme	1.pri søkere		1.pri pr plass		Ja-svar (-reservert)		Kvinner %		Poeng- grenser	
Årstall	2025	2024	2025	2024	2025	2024	2025	2024	2025	2024	2025
Datateknologi	160	381	281	2,4	1,8	194	172	22,8	27,3	63,8	62,1
Cybersikkerhet og datakomm.	66	98	111	1,6	1,7	72	64	28,4	20,0	60,2	58,0
El.Sys	110	131	126	1,2	1,1	128	135	23,7	15,9	56,9	53,2
Energi og Miljø	135	188	150	1,4	1,1	155	127	44,1	34,7	56,0	51,2
Kyb & Robotikk	148	354	347	2,4	2,3	168	146	20,0	20,3	63,0	61,8

Siv.ing - 5-årig

MTENERG (Energi og Miljø)

Number of seats: **130***

127 applicants were offered admission letters.

121 applicants have accepted and registered.

Enrollment success rate: **93%**



Siv.ing - 2-årig

Studieprogram		Ramme	1.pri søkere		1. pri pr plass		Ja-svar (-reservert)		Kvinner %		Poeng- grenser	
Årstall		2025	2024	2025	2024	2025	2024	2025	2024	2025	2024	2025
Data- teknologi	AlgDat	0	40	-	2,4	-	17	-	0	-	3,7	-
	D&S	12	22	19	2,4	1,6	9	20	22,2	30,0	3,7	3,1
	ED	11	-	31	-	2,8	-	15	-	6,7	-	3,6
	KI	23	74	107	3,9	4,7	19	32	5,3	6,3	4,2	3,9
	PVS	24	60	50	2,9	2,1	24	24	8,3	8,3	3,8	3,5
	VD	10	-	8	-	0,8	-	10	-	0	-	3,2
Energi og miljø		37	112	105	3,0	2,8	44	50	25,0	30,0	3,8	3,5
Industriell kyb		0	57	-	2,0	-	27	-	14,8	-	3,6	-
Kyb & robotikk		65	100	138	2,2	2,1	53	80	7,5	3,8	3,2	3,1

Siv.ing - 2-årig

MIENERG (Energi og Miljø)

Number of seats: **37**

50 applicants were offered admission letters.

47 applicants have accepted and registered.

Enrollment success rate: **127%**

Bachelor ingeniør - 3-årig

Studieprogram	Ramme	1.pri søkere		1.pri pr plass		Ja-svar (-reservert)		Kvinner %		Poeng- grenser	
Årstall	2025	2024	2025	2024	2025	2024	2025	2024	2025	2024	2025
Data, Gjøvik	44	85	65	2,1	1,5	47	47	19,1	13,7	49,3	38,2
- Tresemester	3	-	62	-	20,7	-	10	-	50,0	-	54,5
- Y-vei	3	-	32	-	10,7	-	12	-	8,3	-	44,4
Data, Trondheim	114	193	162	1,8	1,4	122	125	22,0	16,2	56,6	50,5
Data, Ålesund	24	34	29	1,1	1,2	26	16	11,5	6,3	Alle	Alle
- Tresemester	14	79	31	7,9	2,2	16	13	29,4	15,4	59,3	53,1
- Y-vei	12	35	9	4,4	0,8	13	5	7,7	0	40,0	40,0
Elektro, Gjøvik	20	47	65	2,4	3,3	23	29	17,4	9,4	43,9	41,2
- Tresemester	10	32	30	6,4	3,0	15	17	6,7	5,9	37,1	41,9
- Y-vei	15	33	50	1,7	3,3	11	26	0	0	35,0	41,3
Autom. og int.syst, Tr	73	152	132	2,5	1,8	77	76	21,3	20,9	57,4	56,0
Autom. og int.syst., Ål	22	53	50	2,4	2,3	26	36	15,4	9,8	49,8	46,8
- Tresemester	14	35	25	2,5	1,8	10	11	0	9,1	51,8	52,0
- Y-vei	22	44	39	2,0	1,8	13	21	0	0	44,1	40,0
El. og dig., Trondheim	43	51	51	1,2	1,2	62	51	19,0	20,3	54,0	51,6
El. systeming., Tr	42	63	68	1,5	1,4	55	59	16,1	13,6	54,8	53,7

Bachelor (Trondheim)

BIELDIG (Electrification and Digitalisation)

Number of seats: **43**

51 applicants were offered admission letters.

45 applicants have accepted and registered.

Enrollment success rate: **105%**

Bachelor (Gjøvik)

Elektro (Electrical Engineering)

Number of seats: **45**

72 applicants were offered admission letters.

42 applicants have accepted and registered.

Enrollment success rate: **93%**

Øvrige master - 2-årig

Studieprogram		Ramme	1. pri søkere		1. pri pr plass		Ja-svar (-reservert)		Kvinner %		Poenggrense	
Årstall		2025	2024	2025	2024	2025	2024	2025	2024	2025	2024	2025
Digital samhandling		24	63	76	2,6	3,2	25	27	40,0	51,9	3,5	3,5
Electronic Systems Design (no+int)*		33	53	49	1,6	1,5	25	32	12,0	12,5	2,5	2,6
		0	18	-	2,3	-	2	-	0	-		
Electric Power Engineering (no+int)*		12	21	38	1,8	3,2	19	19	0	0	3,0	3,0
		7	6	20	1,2	1,1	0	4	0	25,0		
Dig Infra & Cyber Sec (no+int)*		18	52	65	2,9	3,4	25	33	8,0	18,2	3,1	2,7
		5	12	13	2,0	2,6	0	4	0	25,0		
Informatics (no+int)*	AI	24	101	81	4,2	3,2	27	26	3,7	3,8	3,9	4,0
		3	23	40	7,7	13,3	2	6	0	16,7		
	Databases and Search	20	25	25	1,3	1,3	21	17	14,3	11,8	3,9	3,2
		3	4	4	1,3	1,3	1	1	0	0		
	Int.design, game and LT	28	56	61	2,2	2,2	28	27	42,9	37,0	3,4	3,0
		3	3	5	1,0	1,7	0	0	0	0		
	Software Engineering	26	83	81	3,2	3,0	27	31	11,1	19,4	3,6	3,6
		3	12	21	4,0	7,0	1	3	0	33,3		
Mathematical Sciences (no+int)*		10	29	28	2,9	2,8	11	11	25,0	27,3	3,5	2,6
		5	16	17	3,2	3,4	4	4	0	50,0		

MSELPOWER

MSELPOWER (Masters in Electric Power Engineering)

Number of seats: **19**

32 applicants were offered admission letters.

23 applicants have accepted and registered.

- 19 from Norway
- 4 from abroad

Enrollment success rate: **121%**

Economy on the short and long term

2025

Short term (focusing on 2025)

- We are behind budget per July (-1.3 MNOK)
- Main reason is deviation from budget in the BOA activity
- Necessary that all of us understand what the economic situation implies
- Necessary to prioritize

Long term (focusing on 2026-2028)

- Challenging situation also in the coming years
- Take some calculated risks to secure quality and the future of the department

2026–2028

Strategy

- New strategy period from 2026-2035
- NTNU main strategy has three ambitions:
 1. NTNU shall be a leading international university
 2. NTNU shall be a driver for knowledge based and sustainable development of society
 3. NTNU shall be an attractive academic community
- There are also 4 prerequisites for success
 - A. Academic freedom
 - B. Learning- and working environment
 - C. Infrastructure
 - D. Organization and leadership

Strategy for IEL

Important that our department strategy is set to give a clear direction for us, and to support NTNUs main ambitions



Also important to have a strategy that reflects the situation we are in and the situation we want to be in when we reach 2035



Main things that we need to agree upon

Ambitions – both with respect to quality, depth and width

Which areas within electric energy shall we cover and not cover?

Main direction for IEL within the four main areas – research, education, innovation and dissemination

Timeline strategy work



Strategic staff plan



Start from the targets and description of the future IEL given in the strategy



What will we have to do to be able to deliver on those targets (within available economic frames)



Important that all contribute to the discussion

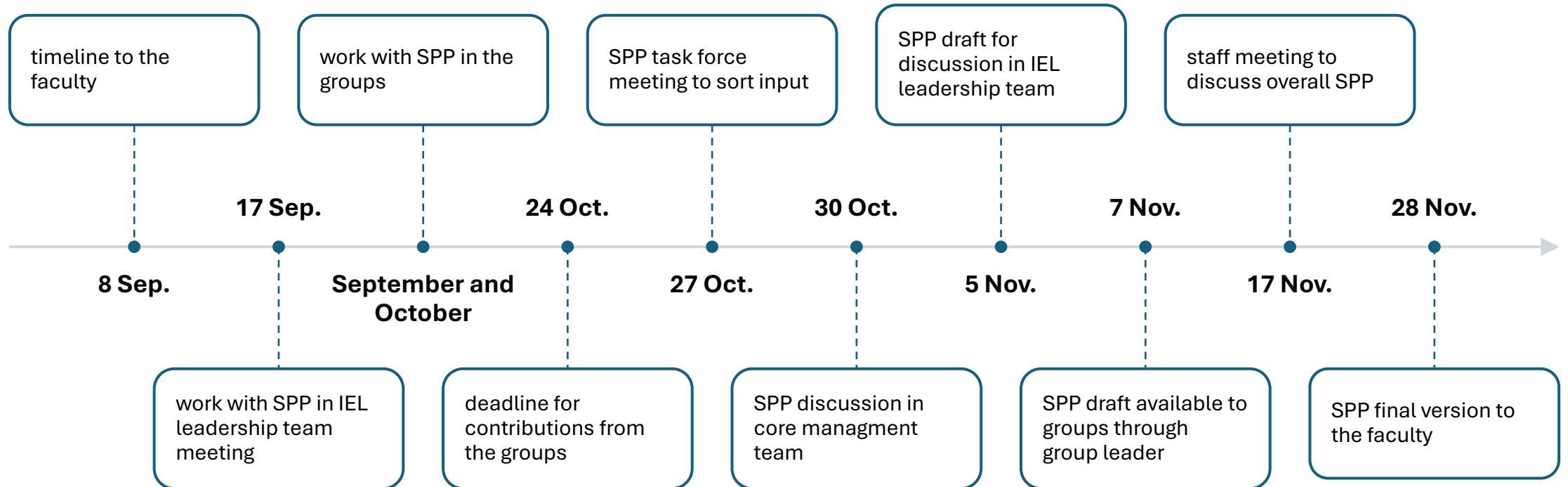


Target is to establish a solid plan that can support us in the development of our staff going forward



Supposed to be revised once per year

Timeline strategic staff plan





Remember photo session in the main building 11th September