



li.u LINKÖPINGS
UNIVERSITET



SAAB

AMPLIFY TEAMWORK WITH AUTOMATION



DATS Workshop on Digital Air Traffic Services: Workload and Safety Assessment

May 6-7, 2024

Linköping University

Hybrid Workshop: Campus Norrköping + Online

<https://www.itn.liu.se/~chrsc91/DATS-workshop-norrkoping/>

LOCATION

The on-campus meeting will take place in room **TPM51**, Entrance Tällan, Bredgatan:

TPM51 , Tällan , Floor : 5 , Entrance : Tällan Bredgatan , Seats : 24



On both days, we will have another room available, which you can use just to relax or if you want to have a smaller meeting with just some of the workshop's participants:

- On May 6: TPM52
- On May 7: TPM54

AGENDA

Day 1 (May 6)

Zoom link: <https://liu-se.zoom.us/j/67498466461?pwd=NW1ST2FMRFgzWFBod1JjSUZzeXk5QT09>

- 13:00 - Welcome notes, round table, introduction (Billy Josefsson, LfV)
- 13:30 - KEYNOTE Max Li, University of Michigan, USA: Interface Design and Conversational Agents for Air Traffic Control and Air Traffic Management
- 14:30 - Coffee break
- 15:00 - Wen-Chin Li, Cranfield University: ATCO's workloads and fatigue risk management
- 15:30 - Michael Schultz, University of the Bundeswehr Munich: Moving metrics: how to evaluate complex traffic scenarios
- 16:00 - Discussions, technical break
- 16:15 - Niclas Gustavsson, SAAB: Welcome note by the sponsor
- 16:30 - Anders Johannesson, SFV: Maritime Remote Pilotage, Workload measurement and a wee bit of stress
- 17:00 - Gesa Praetorius, VTI: From piloting to shore-based assistance - using applied cognitive task analysis to untangle changes in tasks and workload
- 17:30 - End of the day

19:00 - Networking event at Restaurang Elite Grand Hotel (sponsored by LiU via the VfN—verifiering för nyttgörande--program)
<https://www.elite.se/restauranger/norrkoping/restaurang-grand-hotel/>

Day 2 (May 7)

Zoom link: <https://liu-se.zoom.us/j/67498466461?pwd=NW1ST2FMRFgzWFBod1JjSUZzeXk5QT09>

- 9:00 - DEMO by Pietro Aricò, Brainsigns, Italy: Monitoring human factors like a breeze: the Mindtooth system.
- 10:00 - Coffee break
- 10:30 - Lothar Meyer, LfV; Anastasia Lemetti, LiU: Eye in the Sky: Predicting Air Traffic Controller Workload through Eye-tracking based Machine Learning
- 11:00 - Daniel Delahaye, ENAC: DST for Emergency trajectory design
- 11:30 - Discussions, Take-home messages
- 11:45 - Closing notes
- 12:00 - Lunch at De Geer Congress Center (sponsored by SAAB),
<https://louisdegeer.se/restaurang/>

ORGANIZERS (Please contact us if you have any problem)

Billy Josefsson, billy.josefsson@lfv.se

Tatiana Polishchuk, tatiana.polishchuk@liu.se

Christiane Schmidt, christiane.schmidt@liu.se

LIST OF PARTICIPANTS

(Online participants are highlighted in gray.)

Name	Email address	Organization
Anastasia Lemetti	anastasia.lemetti@liu.se	LiU
Anders Erzell	anders.erzell@saabgroup.com	Saab
Anders Johannesson	anders.johannesson@sjofartsverket.se	SFV
Billy Josefsson	billy.josefsson@lfv.se	LFV
Boel Stefansson	boelstefansson@hotmail.com	ATM Resilience AB
Christiane Schmidt	christiane.schmidt@liu.se	LiU
Daniel Delahaye	daniel@recherche.enac.fr	ENAC
Gesa Praetorius	gesa.praetorius@vti.se	VTI
Goran Pavlovic	goran.pavlovic@eurocontrol.int	EUROCONTROL
Gunilla Björklund	gunilla.bjorklund@vti.se	VTI
Gustaf Fylkner	gustaf.fylkner@lfv.se	LFV
Helen Wylde	helene.alpfjord.wylde@lfv.se	LFV
Henrik Hardell	henrik.hardell@liu.se	LFV/LiU
Jessica Ljungström	jessica.ljungstrom@nrkairport.se	Norrköping airport
Johan Söderberg	johan.soderberg@lfv.se	LFV
Laurie Marsman	Laurie.Marsman@nlr.nl	NLR
Leonid Sedov	leonid.sedov@liu.se	LiU
Lindsey Hermosilla	lindsey.martenez-hermosilla@lfv.se	LFV
Lothar Meyer	lothar.meyer@lfv.se	LFV
Lucie Smetanova	lucie.smetanova@liu.se	LiU
Mats Nilsson	mats.n.nilsson@lfv.se	LFV
Max Li	maxzli@umich.edu	University of Michigan
Maximilian Peukert	maximilian.peukert@lfv.se	LFV
Michael Schultz	michael.schultz@unibw.de	University of the Bundeswehr Munich
Niclas Gustavsson	niclas.gustavsson@saabgroup.com	Saab
Pietro Aricò	pietro.arico@brainsigns.com	Brainsigns, Italy
Rabii Zahir	rabii.zahir@liu.se	LiU
Richard Granberg	Richard.Granberg@vastervikdsp.com	Västervik Drone Science park
Simon Göppel	simon.goeppel@unibw.de	University of the Bundeswehr Munich
Tatiana Polishchuk	tatiana.polishchuk@liu.se	LiU
Teele Kohv	kohvteele@gmail.com	Adacel
Valentin Polishchuk	valentin.polishchuk@alumni.stonybrook.edu	LiU
Wen-Chin Li	wenchin.li@cranfield.ac.uk	Cranfield University
Åke Sivertun	ake.sivertun@ri.se	RISE
Åsa Taraldsson	asa.taraldsson@lfv.se	LFV