



IEEE Reliability Society, IEEE Sweden Chapter, IEEE Norway Chapter

IEEE Sweden and Norway, Reliability Society Joint Section Chapter

➤➤➤ The IEEE Sweden and Norway, Reliability Society Joint Section Chapter has been formed since May 21, 2021.

Vision

To promote recognition of the Reliability and reliability related professions and develop and disseminate Best Practices for effective reliability professionals from Scandinavian.

Mission

- ⇒ Develop and provide technical information to the members through publications, conferences, standards, technical library IEEE Xplore, technical committees, and Chapter support.
- ⇒ Provide the members a professional platform to share experience, learn, and develop together.
- ⇒ Raise the voices of reliability professionals from Scandinavian to the world!

ADCOM Team

- **Chapter Chair:** Prof. Janet Lin (LTU)
- **Vice Chair:** Prof. Yiliu Liu (NTNU)
- **Treasurer:** Prof. Lina Bertling Tjernberg (KTH)
- **Membership development:** Mr. Yin Chen (Volvo CE)
- **Secretary:** Dr. Esi Saari (LKAB)



Please let us know if you would like to join the AdCom team!

Other links <https://www.linkedin.com/company/7983964/>

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From Reliability Society, joint Sweden and Norway Chapter:

In the first part of 2022, we have successfully organized two free lunch Webinars with support of four distinguished speakers with over one hundred participants:

- **Dr. Xinhai Zhang**, from Sigma Technology Consulting AB (currently work with SCANIA), Sweden, with his presentation titled “Critical Scenarios for Automated Driving and How to Identify Them”.
- **Prof. Ajit K. Verma**, from Western Norway University of Applied Sciences, Norway, with his presentation titled “Computational Intelligence Framework for Optimal Maintenance of Large Engineering Systems”.
- **Prof. Sanjay K. Khattri**, from Western Norway University of Applied Sciences, Haugesund, Norway, with his presentation titled “Optimization of tunnel fire emergency systems through computational fluid dynamics”.
- **Dr. Frank (Feng-Bin) Sun**, Technical Lead and Principal Manager of Reliability Engineering at Tesla Inc., with his presentation titled “Introduction to Fractional Failure and Its Application in Reliability Engineering”.

Nowadays, we are planning for more webinars in the coming months, please let us know if you would like to contribute any ideas/talks/recommendations/suggestions...



We have also successfully organized three “Open sessions to all” from all members during July to September.

- **“Open sessions to all” _No.1:** 8th July 2022, Västerås (Sweden), 13:30 pm – 14:30 pm; Chair and Senior Members from ABB, Volvo CE have confirmed to participant. Address: Mälardalens Universitet (MDU), Västerås campus: U2-024. (see Fig.1)
- **“Open sessions to all” _No.2:** 25th August 2022, Trondheim (Norway), 11:00 am – 12:00 am; Vice Chair and Senior Members from NTNU have confirmed to participant. Address: Norwegian University of Science and Technology (NTNU), PUMA 216, Verkstedtek, Richard Birkelands vei, 2B, Trondheim (see Fig.2).
- **“Open sessions to all” _No.3:** 15th September 2022, Stockholm (Sweden), 15:00 pm – 16:00 pm; ADCOM (Administration Committee) team and Senior Members from our Chapter have confirmed to participant. Address: Royal Institute of Technology (KTH), eecs_epe Teknikringen 33, floor 4 , room 3439, floor 4, Janis Bubenk. (see Fig.3)

We appreciate our local hosting from Prof. Markus Bohlin from Mälardalens Universitet (MDU), Prof. Yiliu Liu from Norwegian University of Science and Technology (NTNU), as well as Prof. Lina Bertling Tjernberg from Royal Institute of Technology (KTH)!



Fig.1. From Open Session 1; Experts (from left) from Volvo CE (MR. Yin Chen), Mälardalens Universitet (Prof. Markus Bohlin), ABB (Dr.Panagiotis Kakosimos)



Fig.2. From Open Session 2; Researchers at NTNU (Norway)



Fig.3. From Open Session 3; Meeting at KTH (SWEDEN)