IEEE Reliability Society
Sweden and Norway joint Section Chapter

Janet Lin, PhD, Professor @ MDU & LTU; VP @ IEEE Reliability Society; Chapter Chair for IEEE RS Sweden and Norway joint chapter.
RS Global Collaboration

North America
13 Chapter

Europe/ UK&RI/ Russia
7 Chapter

S. America
0 Chapter

Mid East/India 0 chapters

Africa
0 Chapter

Asia/ Japan/ Australia/ China
10 Chapter
## RS Global Collaboration

<table>
<thead>
<tr>
<th>Region 1</th>
<th>Region 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston</td>
<td>Czechoslovakia</td>
</tr>
<tr>
<td>Binghamton (Joint Societies)</td>
<td>Croatia</td>
</tr>
<tr>
<td>France</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Region 2</th>
<th>Region 9</th>
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<tbody>
<tr>
<td>Cleveland Section</td>
<td>None</td>
</tr>
<tr>
<td>Philadelphia Section</td>
<td></td>
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<tr>
<td>Washington Section</td>
<td></td>
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<tr>
<td>Italy</td>
<td></td>
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<tr>
<td>Switzerland</td>
<td></td>
</tr>
<tr>
<td>United Kingdom &amp; Ireland (Joint Societies)</td>
<td></td>
</tr>
<tr>
<td>Sweden and Norway (Joint sections)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region 3 (none)</th>
<th>Region 10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Beijing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region 4</th>
<th>Region 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twin Cities</td>
<td>Dallas</td>
</tr>
<tr>
<td></td>
<td>South Plains</td>
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<tr>
<td></td>
<td></td>
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<tr>
<td>Twin Cities</td>
<td>Changsha (Subsection of Beijing)</td>
</tr>
<tr>
<td></td>
<td>Chendu</td>
</tr>
<tr>
<td></td>
<td>Tokyo/Japan sections (Joint sections)</td>
</tr>
<tr>
<td></td>
<td>Nanjing</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Region 6</th>
<th>Region 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fort Huachuca / Phoenix / Tucson (Joint sections)</td>
<td>Ottawa Section</td>
</tr>
<tr>
<td>San Diego</td>
<td>Toronto Section</td>
</tr>
<tr>
<td>Santa Clara Valley</td>
<td>Vancouver Section</td>
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<tr>
<td>Singapore (Joint Societies)</td>
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<tr>
<td>Taipei/Tainan (Joint sections)</td>
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<tr>
<td>Xian</td>
<td></td>
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<tr>
<td>Chongqing (Subsection of Beijing)</td>
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<tr>
<td>Hyderabad</td>
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</tbody>
</table>
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

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

Please let us know if you would like to join the AdCom team!
Activities/2021-now

• Open webinars:
  • Open Webinar 2021_1 & Kick-off: Oct 14 , 2021
  • Open Webinar 2021_2: 2nd Dec, 2021
  • Open Webinar 2022_1: 8nd Mar, 2022
  • Open Webinar 2022_2: 16th May, 2022

• Adcom meetings: 2021_11 & 2022_09

• Network & Member development
  • Open session_No.1 : 8th July 2022, Västerås (Sweden)
  • Open session_No.2 : 25th August 2022, Trondheim (Norway)
  • Open session_No.3 & Adcom meeting: 15th September 2022, Stockholm (Sweden)

• Co-Host events: with Social Implications of Technology (SSIT)
70 participants and Thank you all for your contributions to the online kick-off and 1st webinar!
Webinar & Joint Lecture

DEC 2ND, 2021; 11:00 AM - 13:00 PM (UTC+1)
ZOOM MEETING ID: 902 728 5345; PASSWORD: 167528

MathWorks®

Topic: Predictive Maintenance with MATLAB

Highlights:
- Predictive Maintenance Overview and Workflow
- Overview of Machine Learning Techniques
- Identifying Condition Indicators by extracting Features in time, frequency, and time-frequency domains
- Training Machine Learning model for Fault classification and detection
- Examples from Industry, applying Predictive Maintenance to identify and prevent failures

This event is free and welcome to join us by Zoom (ID: 902 728 5345)

For registration and any question please contact:
Janet Lin (janet.lin@ltu.se) or Yiliu Liu (yiliu.liu@ntnu.no)

69 participants and Thank you all for your contributions!
WEBINAR
MAR 08, 2022; 12:00 AM -13:00 PM (UTC+1)
ZOOM MEETING ID: 902 728 5345; PASSWORD: 167528

Agenda

• 12:00 - 12:05 Welcome & Photo session
• 12:05 - 12:35 Talk 1 Dr. Xinhai Zhang: Critical Scenarios for Automated Driving and How to Identify Them
• 12:35 - 12:55 Talk 2 Prof. Ajit K. Verma: Computational Intelligence Framework for Optimal Maintenance of Large Engineering Systems
• 12:55 - 13:00 End
• More questions after 13:00

48 participants and Thank you all for your contributions to the online kick-off and 1st webinar!
WEBINAR
MAY 16, 2022; 13:00 PM -14:00 PM (UTC+2)
ZOOM MEETING ID: 902 728 5345; PASSWORD: 167528

48 participants and Thank you all for your contributions to the online kick-off and 1st webinar!

Agenda

• 13:00 - 13:05 Welcome & Photo session
• 13:05 - 13:35 Talk 1 Prof. Sanjay K. Khattri (Professor at Western Norway University of Applied Sciences, Haugesund, Norway): Optimization of tunnel fire emergency systems through computational fluid dynamics
• 13:35 - 13:55 Talk 2 Dr. Frank (Feng-Bin) Sun (Technical Lead and Principal Manager of Reliability Engineering at Tesla Inc.): Introduction to Fractional Failure and Its Application in Reliability Engineering
• 13:55 - 14:00 End
• More questions after 14:00

THIS EVENT IS FREE AND WELCOME TO JOIN US BY ZOOM (ID: 902 728 5345; PASSWORD: 167528)
FOR ANY QUESTION PLEASE CONTACT: Janet Lin (janet.lin@itu.se) or Yiliu Liu (yiliu.liu@ntnu)
Open Sessions to all

Open session_No.1 : 8th July 2022, Västerås (Sweden)

Open session_No.2 : 25th August 2022, Trondheim (Norway)
Open Sessions to all

Adcom meeting & Open session_No.3 : 15th Sep 2022, Stockholm (Sweden)
Co-HOST events

Sweden Section Chapter, SIT30 _Social Implications of Technology (SSIT)

Sweden and Norway Jt Section Chapter, RL07

### Lighting Week 2021

**Event Host(s):**
- Sweden Section Chapter, SIT30
- Sweden and Norway Jt Section Chapter, RL07

**Start time:** 06 Dec 2021 09:00 AM
**End time:** 10 Dec 2021 05:00 PM
**All times are Europe/Stockholm**

[Event Manage URL](#)

### Seminar on Digital Twins for predicting life time in complex technical systems

**Event Host(s):**
- Sweden Section Chapter, SIT30
- Sweden and Norway Jt Section Chapter, RL07

**Start time:** 20 Oct 2022 10:00 PM
**End time:** 20 Oct 2022 11:00 PM
**All times are Europe/Stockholm**

[Event Manage URL](#)
New Chapter information
IEEE Reliability Society

IEEE Reliability Society

Chapter

South Plains
South Plains USA

Sweden and Norway

Sweden and Norway Sweden and Norway
New Chapter information
IEEE SWEDEN

Sweden and Norway, Reliability Society, Joint Section Chapter

The IEEE Sweden and Norway, Reliability Society Joint Section Chapter was formed on May 21, 2021. We seek to promote recognition of the reliability and safety related professions and to develop and disseminate best practices to make our reliability professionals in Scandinavia effective in their roles.

We hope to achieve this by:
- Developing and providing technical information to our members through publications, conferences, standards, the IEEE Xplore technical library, technical committees, and Chapter support.
- Providing our members a professional platform to share their experiences, learn, and develop together.
- Raising the voices of reliability professionals from Scandinavia to the world!

ACCOM Team
- Chapter Chair: Prof. J. Lin (LU & MDU)
- Vice Chair: Prof. Y. Lu (ITRMA)
- Treasurer: Prof. L. Bertling Tjemberg (KTH)
- Membership development: Dr. H. Chen (Nokia CE)
- Secretary: Dr. E. Sjöblad (LTH)

Other links: https://www.linkedin.com/company/79839641
Contact us: janet.lin@itu.se; janet.ire@mdk.se; yulu16@itu.se

Student Branches

Swedish and Norwegian Reliability Society, Joint Section Chapter

VT/COM/IT - Vehicular/Communications/Information Technology
Women in Engineering (WIE) Affinity Group
Young Professionals (YP) Affinity Group
Linkedin

https://www.linkedin.com/company/79839641

IEEE Sweden and Norway, Reliability Society...
Provide the members a professional platform to share experience, learn, and develop together.
Civil Engineering - Luleå - 131 followers
Thanks

Welcome to join our Chapter through https://rs.ieee.org/membership.html.

Welcome to follow our Linkedin https://www.linkedin.com/company/79839641.


Would you want to have joint lecture/webinar/seminar/workshop/conference/industry training....? Contact us!