

What is CIGRE NGN?

CIGRE Next Generation Network (NGN) is the affiliation of CIGRE for **young members** (<35 years or less than approx. 5-10 years in the power industry, including students).

The purpose of NGN is to enable young engineers to get to know CIGRE, and learn from and contribute to the expertise in the CIGRE community.

ommunity.

Ireland: https://form.jotform.com/240423364677358

Sweden: https://ngncigresweden.wordpress.com/

United Kingdom: https://cigre.org.uk/ngn/join-ngn/





CIGRE Next Generation Network (NGN)

Who are we?

- A professional network for students & young engineers in the power industry
- To engage with CIGRE's activities ("The Gateway to CIGRE")
- To develop knowledge, skills and contacts within the power industry.

How can I get Involved?

- Participate in NGN events (Technical webinars, site visits, educational events)
- Get involved in CIGRE activities (Join international Working Groups, Attend CIGRE conferences)
- Become a CIGRE NGN committee member





Benefits of Joining the NGN

- Free
 - For students
- NGN events
- Get involved in CIGRE activities:
 - Join international Working Groups
 - Join the NGN Steering Committee
 - Publish Papers in Working Groups and CIGRE conferences
- Personal Development and Networking
- Remember: You don't need to be an expert to join!





CIGRE NGN SE

- The NGN Sweden interim board was formed in October 2022
- Currently represented by members from NKT, Svenska kraftnät, Vattenfall
- Svk: Henrik Ekestam, Jorunn Cardell, Oscar Lennerhag
- NKT: Adeep Santosh
- Vattenfall: Shubham Sethi









NGN Events

Events organized in 2022-2023:

 Webinar
 "Challenges & Opportunities for Grid Integration of Renewable Power Plants",

Event organized in collaboration with NGN Denmark.
December 2022

 Webinar
 "Career Avenues in the Swedish Power Sector",
 Event organized by NGN Sweden May 2023 Technical Visit
 "Anneberg-Skanstull tunnel",

Event at tunnel boring project in Stockholm.

May 2023



Anneberg-Skanstull









Joining CIGRE NGN SE

Become a CIGRE member (free for students)

More information on membership

https://ngncigresweden.wordpress.com/

https://energiforsk.se/program/cigre-sverige/bli-medlem/





CIGRE Ireland NGN - Committee Overview

Irish NGN - Subcommittee's

Student Membership Team

- Hamid Shokrani
- David Byrne
- Jack Herring
- Kevin Crowe

General Membership team (Organisations)

- James Hayes
- Robert Fenlon
- Sean Ritson
- Jennifer Harrington
- Keith Keady

Events Team 1

- James Hayes
- Keith Keady
- Robert Fenlon



Communications

- Jack Herring
- Chandira Prabu Jianchandran
- Jennifer Harrington

Events Team 2

- Hamid Shokrani
- Chandira Prabu Jianchandran
- Kevin Crowe
- Sean Ritson

Notes

- Team specific goals
- Easier team meeting attendance
- Progress on many fronts









Latest sample events held

1) Dublin Waste to Energy Facility – Site Visit









2) NGN Presentation Competition – Winner to present at the YM Showcase in Paris August





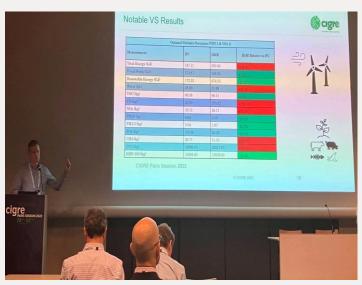




CIGRE Paris Session 2022

CIGRE NGN Booth & CIGRE Ireland NGN Representation:















NGN Membership - Overview





If you want to get involved with CIGRE Ireland NGN, please scan the applicable QR code below and get involved today:





20 Renewals



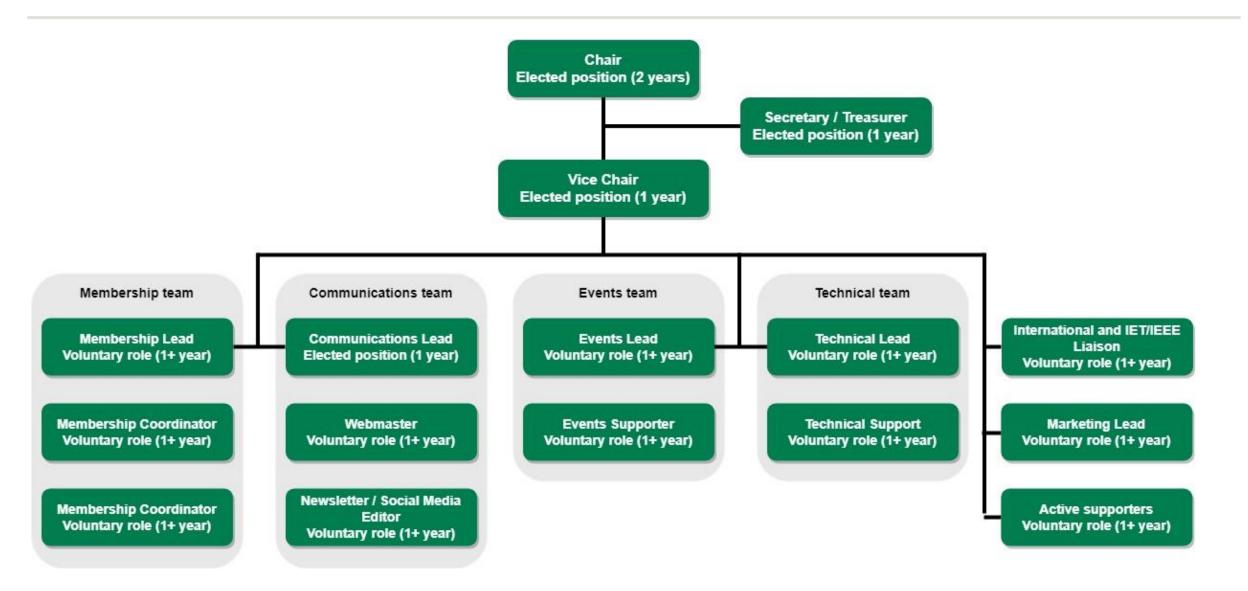
Student Membership Sign-Up

Young Membership Sign-Up



Organisation Chart of the NGN





Introduction - The Team



Jianing Li Chair



Siva Kaviya, Trichy Siva Raman Membership Team Lead



Jiajie Luo Vice-Chair





Maria Oancea **Events Team Lead**





Nan Chen Secretary and Treasurer



Margi Shah

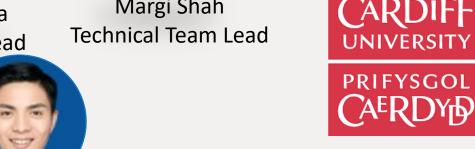


SIEMENS Gamesa RENEWABLE ENERGY











Wei Gan

Introduction – The Team



Jingyi Wan



Mark Kent



Keerthi Kandukur









Lois Efe



Zhou Yue



Yiliang Fan





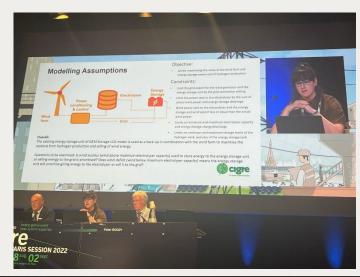


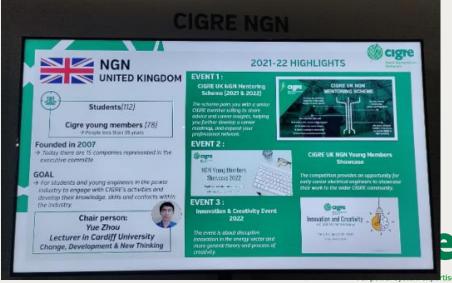


CIGRE NGN PARIS 2022









NGN Activities – 2023 and 2024 So Far

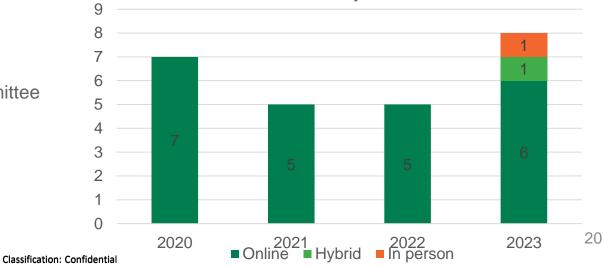


- Successful Events and Workshops
 - 12th March 2024, Substation Fundamentals Training and Site Visit at GE Stafford in collaboration with Study Committee B3
 - 24th January 2024, CIGRE UK NGN Young Members Showcase, Cardiff University
 - 4th December 2023, CIGRE UK NGN AGM, Birmingham
 - 3rd November 2023, CIGRE UK NGN and Netherlands NGN collaborative event on "Data Interoperability and CIM"
 - 4th August 2023, CIGRE UK NGN National Grid ESO Control Room in person visit
 - 19th July 2023, CIGRE UK NGN and NGN Ireland collaboration event on "Hydrogen and Energy Storage, Enabling the Net Zero Transition"
 - 26th June 2023, CIGRE UK NGN and NGN Austria collaboration event "How to succeed in Net-zero transition Technical & Economical aspect"

17th May 2023, CIGRE UK Technical Webinar "Protection of Future Power Networks Dominated by Converters: Recent

Learnings on Challenges and Potential Solutions"

- 2. Support SC activities
- 3. Collaboration with IEEE, CIGRE NGN International Committee
- 4. Ambassador Programme
- 5. CIGRE UK Awards
- 6. CIGRE UK NGN Process Review



Upcoming Events

LinkedIn page - https://www.linkedin.com/company/cigre-uk/

Newsletter subscription - https://cigre.org.uk/ngn/

