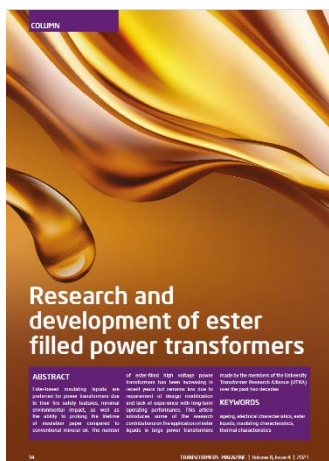


# University Transformer Research Alliance

## Chairs Report (2021-2022)

The University Transformer Research Alliance (UTRA) was established in February 2019 and consists of six internationally leading transformer research groups from the UK, Germany, China and Australia, with the aim to enable the synergic benefits in pursuit of the advancement of knowledge in the areas of transformer related research, and through research leadership, strategic research direction and guidance, engaging stakeholders and recognising young talent.



Transformer Magazine article

UTRA in-person activities were impacted by the COVID-19 pandemic during the 2021-2022 period. However, there has been success in the areas of online activities. The UTRA website now has a steady flow of users and this year also we had nearly 2000 unique visitors.

Continuing the success of the UTRA conference in 2020, we organised another UTRA seminar with five presenters from member universities. Similar to the past seminars this was also opened to the students and researchers from the member groups and their universities. The seminar was successfully delivered with over 40 participants.

During this year we published a UTRA column on “Research and development of ester filled power transformers” led by the University of Exeter and contributed by all the members, which is a great example of achieving UTRA aims. In addition, our members from the University of Exeter and the University of Queensland jointly applied for a grant through the QUEX Institute. Even though it was not successful this time, I hope our members will continue working on more joint proposals in future.

It is the time for me to hand over the steering of UTRA to Prof. Tapan Saha from the University of Queensland as the Chair and welcome his Co-Chair Prof. Yang Xu from Xi’an Jiaotong University. I sincerely wish them every success as they guide the UTRA in 2022. I would also like to thank all members and their teams for the hard work and support provided during this year.

Prof Yuanxiang Zhou

UTRA chair in 2021