



Applied Rheology Division Newsletter, November 2023

APPLIED
RHEOLOGY

Chair's Message

Welcome to the Applied Rheology Division (ARD) of SPE. I am excited to work together with our new Board members this year to serve the Applied Rheology community. Thanks to the previous broad and generous contribution from GOETTFERT Inc., there has been significant growth in our membership in the past year and we look forward to more people joining our division to promote rheology in both academia and various industries.



For the upcoming 2024, the following new changes will take place.

- 1) In addition to SPE ANTEC 2023, the Applied Rheology Division will participate in the 2024 International Polyolefins Conference (thanks to Kurt Koppi)
- 2) Jointly hold virtual rheology webinars (Terri Chen, etc.)
- 3) Info-exchange and discussion platform will be launched

An in-person board meeting will be held during the 2024 International Polyolefins Conference and you are welcome to join or call in.

Last but not least, I would like to extend our sincere gratitude to our sponsors (TA instruments, GOETFERT, MKE) for their consistent support.

-- Qian Qin, Chair, SPE Applied Rheology Division

Call for Papers – 2024 SPE International Polyolefins Conference

The SPE Applied Rheology Division has partnered with the SPE South Texas Section on the organization of the 2024 SPE International Polyolefins Conference to be held in Galveston, TX February 18 – 21st. This marks the first time that our division has engaged in developing a technical program for this conference. We have historically focused solely on the SPE ANTEC but the board decided it was in the best interest of our members to make this change as it allows us to have more input on the development of the technical program than we have for the new process being used to organize SPE ANTEC. We are currently planning two Applied Rheology Sessions for the 2024 SPE International Polyolefins Conference. Several invited speakers have been confirmed but we are still looking for more speakers. The deadline for submitting abstracts is November 10. The call for papers can be found at the following link. As described below by Terri Chen, our division will also be engaged with SPE ANTEC 2024.



<https://pheedloop.com/IPOC2024/proposal/start/?call=CAL28VFRU8UM2UJ>

-- Kurt Koppi, Councilor and Past Chair

Applied Rheology at ANTEC® 2024

ANTEC® 2024 will take place on March 4-7 at the Marriott Hotel St. Louis Grand in Missouri. SPE Applied Rheology Division is looking for speakers. You are encouraged to submit a paper or a presentation. Student papers are especially encouraged as ANTEC is one of the best places where the academia meets the industry. In 2024, ANTEC is looking for papers/presentations focused on five program themes including (1) Polymer Materials and Characterization; (2)



Applications of Plastics; (3) Polymer Processing; (4) AI in Digitalization; and (5) Circular Economy.

Important deadlines of ANTEC 2024 are below:

- Abstract Submission Deadline: October 6th, 2023
- Accepted Speakers Notified: October 27th, 2023
- Paper/presentation Submission Deadline: December 4th, 2023

-- Terri Chen, Technical Program Chair

Membership

As of October 2023, we have 724 active members, 260% increase since October 2021. Thank GOETTFERT for sponsoring our Division's initiative on membership recruitment. Now MKE Co. is also joining the sponsor team.

- Become a member of Applied Rheology.....it's **FREE!** (Generously Sponsored by GOETTFERT®)
- Go to 4SPE.org & sign up for "Applied Rheology" as your Technical Chapter
- Find us on LinkedIn at: [SPE Applied Rheology Division](#)
- Applied Rheology Division website:
<https://www.4spe.org/i4a/pages/index.cfm?pageID=3544>



-- Wei Zheng, Membership Chair, Past Councilor, and Past Chair

Rheology Technical Webinar

The Applied Rheology Division will co-sponsor with Polymer Analysis Division (PAD) and Engineering Properties and Structure Division (EPSDIV) an online polymer rheology technical webinar given by Dr. Terri Chen from TA Instruments. This event is scheduled in early January of 2024 right before the SPE International Polyolefins Conference. More details on webinar date and abstract will be posted on SPE website.

Special Thanks

Special thanks are due to the sponsors of the Applied Rheology Division: GOETTFERT Inc., Myung Kim Extrusion, and TA INSTRUMENTS.



If you are interested in sponsoring any of our division's initiatives, please let us know.

Questions

For any questions/suggestions or sponsorship opportunities, please contact Qian Qin, the Division Chair, at qin_qian2000@yahoo.com; Kurt Koppi, the Division Councilor, at koppika@dow.com; or the newsletter co-editors, Donggang Yao at yao@gatech.edu and Jake Kelly-Walley at jake.kelly-walley@matrixpolymers.com.

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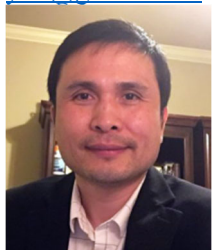
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Jake and Terri are the newest members of the board (3 year term). The ARD Division will be holding elections again next year (4 of the positions will be up for election) and will continue to do that every year.