Committee Name: Chemical Energy Environment & Materials (CEEM)

Chairs and Vice Chairs:
Co-Chairs: Ningling Wang and Dallas Wilkinson
Vice Chair: Vikran Duangmanee

LESI Board Liaison: Duncan Ferguson

Committee Highlights for Year 2022-2023 on page 2.
We met the goals for 2022-2023.

- We established and grew Industrial Advisory Board with a total of ten members from multinational companies and various national societies, including US, France, Australia & New Zealand, South Africa, Thailand, Spain, Singapore, South Korea, and Japan; and the members represent industry sectors including the mining, chemicals, materials, energy etc.

We recruited one additional member for the Industrial Advisory Board - Ms. Melody van Denzen, Senior Legal Counsel, IP of ConocoPhillips - who is a member of LES US/Canada and was kindly recommended by Karin Hoffman.

- We held quarterly teleconference calls with the Industrial Advisory Board members on June 23, 2022, September 27, 2022, and January 11, 2023; and we will have another one on April 20, 2023 (confirmed).

- We discussed the following key topics:
  - Royalties survey in collaboration with LES US/Canada;
  - Webinars - “Chat with CEEM Champions”;
  - Collaboration with WILA on webinars;
  - Standard briefing notes on best practice, hot topics, and recent trends in the CEEM fields;
  - Increasing the membership of the CEEM committee;
  - Attracting more members to join the Industrial Advisory Board.
  - Profiling for CEEM advisory board members to assist in attracting new members and highlighting career paths for Licensing professionals

- We organized two seminars:
  1. We organized the seminar on “Green Tech Helping Net Zero Emissions 2050” with 4IP Council on November 15, 2022 (https://www.4ipcouncil.com/research/green-tech-helping-net-zero-emissions-2050);
     Dr. Dallas Wilkinson (co-chair of CEEM committee) and Dr. Dr Suracha Udomsak (Chief Innovation Officer and Executive Vice President - SCG Chemicals) served as speakers for this event.
  2. We organized the seminar on “How to Become a Leader” with WILA on November 17, 2022
• Collaboration with LES US/Canada on royalties survey
  o We were involved in the planning, promotion, and execution of the royalties survey;
  o Our Industrial Advisory Board members provided revisions and comments regarding the questions for the survey;
  o Ningling Wang will join two speakers from LES US/Canada in a workshop regarding the result of the royalties survey at LESI Annual Meeting in Montreal.

  We confirmed two silver sponsorships for the survey:
  one is from SCG Chemicals (one of the Industrial Advisory Board members’ company) and another is from Finnegan (the firm Ningling works with).

• Collaboration with LESI Innovation Trends Committee
  o Interacted with the LESI Innovation Trends Committee to discuss the trends seen across the CEEM industries as well as discussing where CEEM is working in the UN sustainability goals.

• Contribution to “Top Take Aways from Venice, LESI2022” webinar covering the CEEM presentations and activities at the 2022 LESI Annual Meeting (October 2022).

• At the LESI Annual Meeting in Montreal, Ms. Sarah Basford, Chief IP Counsel of Rio Tinto (one of the Industrial Advisory Board members’ company) and Ningling Wang will speak on the State of Industry Panel on the CEEM industries.