



Call for papers – 30th International Conference

Impacts of Fuel Quality on Power Production and the Environment

20th to 25th of September 2026 in Aspen Grove, Utah, USA

This conference, 30th in the series, will highlight solutions to significant fuel-quality challenges facing power producers utilizing technologies such as fluidized beds, sub-critical to ultra super-critical boilers, waste-to-energy, oxy-fuel, gasifiers, industrial furnaces, etc. These challenges involve fuel preparation and blending, slagging, fouling, corrosion, aerosol formation, ash disposal, catalyst poisoning, emissions, availability and capacity, as well as sensors and control strategies. The conference emphasizes end-results and application of fundamental information to minimize fuel quality impacts on power and heat production and the environment. Focus will include traditional fuels, i.e., coals of different ranks, and opportunity fuels such as biomass, tires, black liquor, MSW, waste sludge, pet coke, alternative carbon-free energy carriers, and gaseous fuels. Fundamental studies, pilot-scale investigations, full-scale evaluations and computer simulation papers are encouraged. The conference will maintain its distinctive format, combining structured technical sessions with dedicated discussion periods designed to promote scholarly exchange, collaborative problem-solving, and academic-industry engagement.

Preliminary Session Topics for the 2026 Conference

- Fuels: biomass, alternative, waste-derived fuels, low carbon fuels, coal, sludges, H₂, NH₃, biogas
- Fuel impacts: industrial processes, combustion, gasification, emissions
- Ash transformation: fouling, slagging, additives, deposit characteristics, aerosols
- Trace element emissions
- Corrosion
- Biochar
- Cofiring
- Oxyfuel and oxygen carriers
- CO₂ utilization and management
- Diagnostics, process monitoring, sensors and controls

Abstract Submissions

Original papers for either oral or poster presentations in the above-listed sessions are invited. If you wish to be considered for an oral or poster presentation, please submit a one-page abstract by March 15, 2026 to ifq2026@byu.edu. Conference and session chairs will review all abstracts and notify you regarding acceptance of your abstract as an oral or poster presentation. The conference proceedings will be published in electronic format. Selected papers presented at the conference also will be published in a reputable international journal.

Important Dates

Abstract submission deadline (extended)	April 30, 2026
Notification of selected papers (poster/oral presentation)	May 15, 2026
Registration and payment	June 30, 2026
Submit full papers for presentation	August 16, 2026

Conference Fees

The conference fee includes conference registration, housing, meals, taxes and gratuities from reception on Sunday evening through lunch on Friday. Fee also includes one afternoon excursion to a local point of interest and a conference dinner.

Full registration	USD \$1900 (before June 30, 2026)	USD \$2100 (after June 30, 2026)
Bona fide graduate student	USD \$1600 (before June 30, 2026)	USD \$1800 (after June 30, 2026)
Participant guest (shared room, meals, one excursion)	USD \$1000	

Conference Location

The conference will be held at Brigham Young University's Aspen Grove conference center 30 minutes from Provo, Utah, USA. Aspen Grove (elevation 7800 ft) is located in a scenic, mountainous area at the base of Mount Timpanogos, 2.5 miles from the Sundance Mountain Resort. The area is a favored destination for hiking, mountain biking, skiing and other outdoor recreational activities. Aspen Grove is a 1-hr drive from Salt Lake City International Airport (SLC). There is no regular shuttle transfer from the airport during the conference week. Taxi, Uber/Lyft, private shuttles and rental cars are available (preferably pre-booked) at the SLC airport.



Directions

Airport: Salt Lake City International (SLC) (~55 miles from conference site)

Shuttle Services: <https://www.supershuttle.com/locations/saltlakecity-slc/>; <https://expressshuttleutah.com/>

By car: Address for navigation system: 9521 N. Alpine Loop Road, Provo, UT 84604 (parking is free)

Contact Us

Conference Chair

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If you know of colleagues who would be interested in this conference, please direct them to the conference web site (<https://fuelqualityimpact.org/news>), LinkedIn Channel (<https://www.linkedin.com/company/ifq-conference/>), or have them contact the organizers directly at ifq2026@byu.edu.