

## Editorial

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In 2008, the Journal became a monthly issue and has seen the number of manuscripts submitted increase significantly to about 1000. This has put considerable additional strain on Journal resources, and as a result 2009 will see the introduction of a third Associate Editor, Professor Jiangtao Wu, Director of the Center of Thermal & Fluid Science, Xi'an Jiaotong University, Xi'an, China. Jiangtao Wu's expertise includes the development of measurement techniques for a wide range of thermophysical properties, molecular simulation, and database development.

The continual increase in manuscript numbers when combined with the limited resource available for printed pages requires expansion of the Short Articles category to include isobaric low-pressure vapor–liquid equilibria and adsorption data over a limited range of temperature and pressure usually in the vicinity of ambient temperature and pressure. The other Short Article categories remain unchanged as: (1) viscosity and/or density, and/or speed of sound, and/or refractive index data over a limited temperature and pressure range; (2) the solubility of organic solids (usually a biologically active compound) in various solvents and solvent mixtures; (3) densities of pure fluids and mixtures measured over a limited range of temperature and pressure usually with a high-pressure vibrating tube densimeter. For Short Articles, the discussion must be minimal.

In 2009, the Editors also announce the introduction of Review Articles, the inclusion of Obituaries and Memorial Issues, and a procedural change described below intended to reduce the burden on reviewers. The Journal initiated Festschrifts in 2008 primarily to celebrate birthdays and retirements of eminent researchers in the field of thermophysical and thermochemical properties and solution equilibria. The first of the series will honor Robin H. Stokes on the occasion of his 90th birthday (*J. Chem. Eng. Data* 2009, 54, issue 2). Our intent is, in general, to publish two Festschrifts per year, and for 2009 JCED will celebrate Gerhard Schneider and William Wakeham. Invited reviews will also appear at a rate of about two per annum covering experimental techniques, measurements used for processes, and properties of materials.

The policy of the *Journal of Chemical Engineering Data*, described in the *Scope and Editorial Policy*, is to publish manuscripts containing data for systems that were hitherto unavailable in the literature or are more certain than those published or resolve conflicts in previously published values. In view of these requirements, it is obligatory for the author to compare their results with previous measurements. These requirements place an unacceptable and in many cases impossible burden on reviewers to research the previously published literature data and ensure a proper comparison has been conducted, as well as making an informed decision on the quality of the manuscript. To accommodate this, there will be a revision to the procedure in processing manuscripts. This change is a result of a new arrangement with the Thermodynamics Research Center (TRC) of the National Institute of Standards and Technology (NIST). Specifically, the data for the systems reported in a submitted manuscript that are within the scope of the *NIST ThermoML Data Archive* will be compared against the NIST TRC databases and a report will be returned to the Editor who at his discretion may provide the report to the referees and/or the authors. The report will highlight any discrepancies in the data, compare the data with previous literature data, if available, and provide references to the literature data. The report will contain no numeric data from the literature. This process is mandatory and will operate by collaborative agreement with other Journals in this field including *The Journal of Chemical Thermodynamics*, *Fluid Phase Equilibria*, *International Journal of Thermophysics*, and *Thermochimica Acta*. Coincidentally, this change in policy also ensures the authors comply with the long-standing *Journal of Chemical Engineering Data* requirement that comparison of their data must be made with literature sources. The Editors will adhere strictly to this policy, and there will be neither exceptions granted nor waivers given.

The Journal continues to operate completely within ACS Paragon Plus, a Web-based system, where all authors and reviewers have their own Journal home page containing both contact details and reviewer expertise categories. This information is maintained solely by the author or reviewer, and we continue to strongly encourage all to maintain the factual correctness of their page and in particular update their expertise categories. Finally, the attention of all authors is drawn to the requirement to comply with the ACS ethical code as well as the nomenclature, literature cited, table, and figure style of the Journal. The details of these requirements are contained in the *Preparation of Manuscripts*.

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