

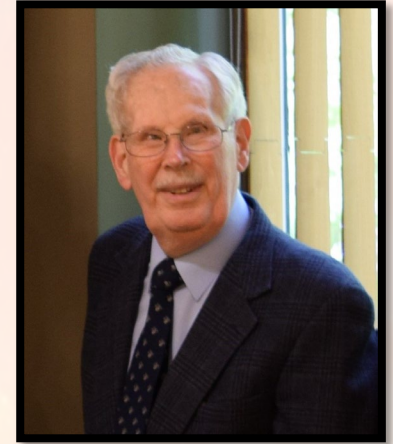
2nd James V. Beck Memorial Symposium

Inverse Problems, Parameter Estimation, and Heat Conduction

ASME Summer Heat Transfer Conference (SHTC)

Hyatt Regency Bellevue, Bellevue , WA, USA., July 26–29, 2026

Held once every three years, the James V. Beck Memorial Symposium provides a distinguished forum for researchers to share ideas, recent achievements, and emerging developments in **inverse problems, parameter estimation, and heat conduction**. This symposium is organized by the K20 (Computational Heat Transfer) Technical Committee and honors the legacy of **Professor James V. Beck** (1930-2022), a pioneer in inverse methods and parameter estimation, and a leading contributor to the field of heat transfer.



**SHTC
2026**



Topics include but are not limited to:

- Novel Methods for Solving Inverse Heat Transfer Problems
- Applications of Inverse Heat Transfer Problems (Energy, Biomedical, etc.)
- Parameter Estimation (thermal properties, geometry, etc.)
- Conduction heat transfer topics (e.g., new solutions, solution evaluation, etc.)
- Machine Learning and Other Emerging Approaches
- Experimental Design & Data Assimilation

Submit Your Abstract:

- ✓ Abstract submission for paper publication: **Nov 24th, 2025**
- ✓ Full-length draft paper submission: **Jan 26th, 2026**
- ✓ Abstract submission for Presentation Only: **March 24th, 2026**

Journal Special Issue: *Selected papers will be considered for review and publication in a Special Issue of the ASME Journal of Heat and Mass Transfer. (See the [Special Issue](#) for the 1st J. V. Beck Symposium)*

Best Paper Award: *The authors of the best paper will be recognized for their outstanding work during SHTC 2026 Awards Luncheon.*