



CALL FOR PAPERS Special Memorial Issue for Prof. Ivan Catton: Innovations and Advancements in Heat & Mass Transfer

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Special Memorial Issue for Prof. Ivan Catton: Innovations and Advancements in Heat & Mass Transfer

This Special Issue honors and celebrates the career of Prof. Ivan Catton, an internationally acclaimed expert in mass transfer, natural convection, forced convection, and nuclear heat transfer. Prof. Catton was a member of the U.S. Nuclear Regulatory Commission (NRC), where he was appointed to the Advisory Committee on Reactor Safeguards (ACRS), the top advisory committee in the field. After the NRC, Prof. Catton turned his attention to aerospace engineering's leading-edge cooling problems as well as research on the impact of laser weapons on space power cooling systems. Later, he ventured into the area of information processing using neural nets. His foundational work formed the basis for optimization of heat sinks and heat exchangers. Prof. Catton was the recipient of numerous awards, including the Max Jakob Memorial Award for Heat Transfer, considered to be the highest international honor in the field of heat transfer.

Topic Areas

The Special Issue welcomes papers in any of these research areas:

- Diffusion
- Forced convection
- Natural convection
- Mixed convection
- Combined processes
- Nuclear thermohydraulic
- Other industrial applications

Publication Target Dates

Paper submission deadline	July 1, 2022
Initial review completed	September 1, 2022
Special Issue publication date	March 2023

Submission Instructions

Papers should be submitted electronically to the journal at journaltool.asme.org. If you already have an account, log in as author and select **Submit Paper** at the bottom of the page. If you do not have an account, select **Submissions** and follow the steps. In either case, at the **Paper Submittal** page, select the [ASME Journal of Heat Transfer](#) and then select the **Special Memorial Issue for Prof. Ivan Catton: Innovations and Advancements in Heat & Mass Transfer**.

Papers received after the deadline or papers not selected for inclusion in the Special Issue may be accepted for publication in a regular issue.

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