



INTERNATIONAL MICROWAVE POWER INSTITUTE

IMPI's 57th Annual Microwave Power Symposium
27-29 June 2023, Denver, CO, U.S.A.

Special Session – Microwave and RF Processing of Food

Call for Papers: Abstract Deadline 20 Jan 2023

The International Microwave Power Institute (IMPI) is the foremost forum for interchanging scientific and technological information on all non-communications applications of radio frequency (RF) and microwave power, i.e. using electromagnetic fields with frequencies from the kHz to the THz range. IMPI brings together scientists, engineers, technologists, managers and entrepreneurs concerned with the generation and application of RF and microwave power, and with its use in various fields including processing food and agricultural products, medical treatment and facilitating chemical and materials processes.

IMPI's upcoming 57th symposium will include a special session on microwave and RF processing of food. We call for papers on all aspects of these topics, including those concerning inactivation of micro-organisms or insects in food materials, dehydration processes, application of Solid State technology and the environmental footprint of such processes. Topics include, but are not limited to:

- Microwave/RF pasteurization and sterilization of food
- Microwave/RF defrosting and tempering of frozen food
- Microwave/RF assisted dehydration processes for food
- Solid State microwave technology in food processes
- Comparisons of microwave/RF processes to alternatives, like Ohmic heating
- Microwave/RF sanitation of agricultural products
- Replacement of fossil fuels in thermal food processes with microwaves/RF

Important Information:

- Abstract deadline: 20 Jan 2023
- Abstract length: 1-3 pages
- Download and use the abstract template at [IMPI-57-Word-Template.docx \(live.com\)](#)
- Use word *.doc or *.docx format
- Submit your abstracts to info@impi.org
- Fill out and send with your abstract the form at the end of this document
- Questions about the microwave and RF processing of food session?
Contact Eric F. Brown (eric.brown@conagra.com)
- Full information about IMPI 57: [2023 Call for Papers IMPI57 Final.pdf](#)
- Other questions about IMPI 57? Interested in sponsoring or exhibiting at IMPI 57?
contact IMPI's Executive Director: molly.poisant@impi.org or +1 804 559 6667.

IMPI'S 57TH ANNUAL MICROWAVE POWER SYMPOSIUM 27-29 JUNE 2023

Special Session on

Microwave and RF Processing of Food

Abstract Submission Form

CONTACT INFORMATION

Presenting Author's Name: _____

Organization: _____

Address: _____

Phone: _____ E-mail: _____

Paper Title:

Author(s):

Affiliation(s):

Will the paper be presented by a student participating in the student competition? Yes No

If your initial submission is a short version of your abstract, do you plan to submit an extended abstract (up to 3 pages) for publication in the Proceedings? Yes No