



IMPI'S 53RD ANNUAL MICROWAVE POWER SYMPOSIUM

The Premier Industry-Wide Microwave Power Event

2019 CALL FOR PAPERS

Submission Deadline: *Extended until February 1, 2019*

The International Microwave Power Institute invites scientists, engineers, industry professionals and users to submit papers in all areas of research, development, manufacture, engineering, specification and use of microwave and radio frequency energy systems for non-communication applications, including industrial microwave and RF, solid state, food technology, plasma, chemical, material processing, and new emerging technologies.

June 18-20, 2019

Caesars Palace
Las Vegas, Nevada, USA



Presented by the

INTERNATIONAL MICROWAVE POWER INSTITUTE

PO Box 1140, Mechanicsville, VA 23111

Phone: +1 (804) 559 6667 • E-mail: info@impi.org

WWW.IMPI.ORG

Categories & Topics

IMPI 53 will bring together researchers, technologists, engineers and industry professionals from across the globe to share the latest research and developments in microwave and radio frequency power applications, including food technology, industrial applications, solid state, chemical, plasma, material processing and emerging technologies. Topics will include:

FUNDAMENTALS AND INDUSTRIAL APPLICATIONS

- Biomedical & Medical Applications
- Dielectric and other Material Properties
- Industrial High Power Equipment and Process Control
- Microwave Enhanced Chemistry
- Microwave Plasma
- Modeling, CAD and Optimization
- New (Non-Communication) Microwave Technologies
- Process Intensification with Microwaves and RF
- Solid State Microwave Technology
- Microwave Applications in the Mining Industry
- Material Handling and Scale Up

FOOD SCIENCE AND TECHNOLOGY

- Biological Applications
- Industrial RF & Microwave
- Processing of Food
- Microbiological Testing
- Microwavable Packaging
- Microwave Ovens: Design, Standards and Safety
- Product Validation
- Food & Agriculture
- Nutrition
- Trends in Microwave Cooking

WHO ATTENDS

The Symposium is an interactive and educational forum for scientists and professionals engaged in any of the topics listed above as well as:

- Microwave product and system manufacturers
- Food scientists and technologists involved with microwave processing
- Food safety regulators (e.g. from USDA & FDA)
- Consumer product managers
- Students in all fields associated with microwave energy

SYMPOSIUM STRUCTURE

IMPI 53 will offer an optional short course on the morning of Tuesday, June 18th with the official program kicking off with a Spotlight Session that afternoon. The Welcome Reception will take place on Tuesday evening. Plenary talks, special focus sessions, panel discussions, technical sessions with podium presentations and interactive poster sessions will take place Wednesday, June 19th and Thursday, June 20th. Social events and coffee breaks, as well as the poster sessions and the exhibition (open throughout

the Symposium) will provide attendees with many networking opportunities over the course of the three-day event.

ABSTRACT SUBMISSION

The abstract must be of sufficient length to allow the Technical Program Committee (TPC) to judge the paper; lack of information in the abstract may lead to exclusion from the program. Abstracts should be a minimum of 2/3 of one page and a maximum of 3 pages. All abstract submissions must be in *.doc or *.docx format, and e-mailed to info@impi.org along with the submission form located on the last page of this document, and in Word format at <http://impi.org/symposium-short-courses>. E-mail notifications on acceptance/rejection and presentation mode (i.e. podium/poster) will be sent by February 15, 2019. The TPC may conditionally accept abstracts subject to specific revisions, or suggest improvements – in these cases the final extended abstract must be submitted no later than March 15, 2019. Authors must note on their initial submission if they intend to submit an extended abstract to be considered for the Proceedings.

TECHNICAL REVIEW AND SELECTION CRITERIA

All abstracts must be in acceptable English or they will be rejected without technical evaluation. Presentations will be accepted for the Symposium Program on the basis of the technical merit of the abstracts, including novelty, completeness of technical description, clarity of presentation, and relevance to the Symposium topic. The TPC will organize the accepted presentations into podium and poster sessions according to topics, Symposium constraints and the main interests of the attendees.

THE PROCEEDINGS

For inclusion in the Symposium Proceedings, the minimum length is 2/3 of one page and the maximum length of the extended abstracts is 3 pages. Inclusion in the Proceedings is subject to at least one of the authors' registration and proof of the author's intent to attend the Symposium. The Proceedings will be published electronically and will be provided free to registered attendees.

JMPEE PUBLICATION

Authors of accepted abstracts are encouraged to submit journal versions of their papers to the Journal of Microwave Power and Electromagnetic Energy. JMPEE will designate those papers as having been presented at IMPI-53. Full JMPEE submission instructions may be found at <http://jmpee.org/instructions-submission-manuscripts/>

STUDENT PARTICIPATION

Students are encouraged to participate in IMPI 53. Students may apply for a Student Travel Scholarship (\$500) which may be used towards registration, travel or accommodations. The number of scholarships varies from year to year; additional details will be added to the IMPI website in the coming weeks. All student participants are eligible to participate in our Student Paper Competition. Interested students should submit extended abstracts as described above and check the box on the abstract submission form to indicate that they want their paper to be considered in the competition. Students' abstracts will be evaluated for inclusion in the Symposium using the same standards and criteria as all contributed submissions. Of those accepted, the best podium talk and the best poster by an eligible student will be chosen for an award on the basis of content and presentation. For a paper to be eligible, the key author must have been a fulltime student during the time the work was performed and must present the paper at the Symposium.

If you have any questions or are interested in sponsoring or exhibiting at IMPI 53, contact IMPI's Executive Director: molly.poisant@impi.org or +1 804 559 6667.

2019 CALL FOR PAPERS

IMPORTANT DATES

February 1: Submissions Due

February 15: Acceptance Notices

March 15: Final Papers Due

June 18-20: Symposium



Committees

TECHNICAL PROGRAM COMMITTEE

Chairmen

Graham Brodie, University of Melbourne, Australia
Roger Williams, Ampleon, USA

Members

Kostiantyn Achkasov, SAIREM, France
Raymond Boxman, Tel Aviv University, Israel
Sumeet Dhawan, Nestle, USA
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FOOD SCIENCE AND TECHNOLOGY PROGRAM COMMITTEE

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Pranjali Muley, Louisiana State University, USA
Jeyamkondan Subbiah, University of Nebraska-Lincoln, USA
Juming Tang, Washington State University, USA
Mark Watts, Campbell Soup Company, USA

Host City & Venue

Known worldwide as a prime meeting and convention destination, Las Vegas hosts over 6.6 million conference attendees each year. Conveniently located just 3 miles from a major international airport, Las Vegas is home to some of the finest restaurants in the world and has various options for indoor and outdoor entertainment along the Vegas Strip and in the surrounding area. IMPI 53 will take place in the heart of it all, at the iconic Caesars Palace Hotel & Casino.

IMPI 53 has secured 12,000 square feet of conference space at Caesars Palace, with the main ballroom, breakout room and exhibit hall adjacent to one another. Hotel rooms are available to IMPI 53 attendees for \$139 per night (including the resort fee) and you may book your room by [clicking here](#).





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Authors must complete and submit this Contact Information Form along with their Paper.

CONTACT INFORMATION

Presenting Author Name: _____

Organization: _____

Address: _____

Phone: _____ E-mail: _____

Paper Title: _____

Author(s): _____

Affiliations: _____

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

Do you plan to submit an extended abstract (up to 3 pages) for consideration in the Proceedings? Yes No