



IMPI WEBINAR SERIES SPRING 2015

Sponsored by ConAgra Foods

A 3-part series on Microwave Oven Technology

Who should attend?

All those interested in or actively using microwave energy for the heating, analysis or modification of materials. This includes the applications of microwave ovens, industrial processing systems, chemical analysis, etc.

IMPI Members: FREE of charge

Non-Members: One webinar for \$99; All 3 webinars for \$249

Part 1: Microwave Oven Design

February 17, 2015, 11am-12pm EST

Instructor: Bob Schiffmann, R.F. Schiffmann Associates Inc.

- The description of the components of a microwave oven and their use.
- What devices are used to provide greater uniformity of microwave heating?
- What affects the microwave power output?
- How is microwave power varied?
- What is an inverter oven?

Part 2: Microwave Safety

March 17, 2015, 11am-12pm EST

Instructor: David Baron, dB-emf

- What is the difference between microwave leakage and exposure?
- How do you measure microwave leakage from a microwave oven?
- What are the standards for microwave oven leakage?
- What are the standards for industrial microwave exposure and how is it measured?
- How safe is exposure to microwave radiation?

Part 3: Validation Using the IEC Method

April 21, 2015, 11am-12pm EST

Instructor: Lea Anne Dea, ConAgra Foods

- What is the IEC Method?
- How accurate is it?
- How often should it be conducted?
- What other comparable test methods are being used in the marketplace?

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