

The logo for TMS 2016 features the letters 'TMS' in a stylized, overlapping font within a blue circular graphic that resembles a globe or a network. The year '2016' is positioned to the right of the 'TMS' in a large, bold, black sans-serif font.

TMS2016

PROFESSIONAL DEVELOPMENT
FEBRUARY 14-18
DOWNTOWN NASHVILLE, TENNESSEE

**BROADEN YOUR EXPERTISE: REGISTER FOR A
PROFESSIONAL DEVELOPMENT EVENT AT TMS2016**

CHARACTERIZATION OF DIELECTRIC MATERIALS FOR MICROWAVE PROCESSING

SUNDAY, FEBRUARY 14, 2016 • 1:00 P.M. TO 4:30 P.M. (CST)

**SPONSORED BY THE TMS EXTRACTION & PROCESSING DIVISION
AND MATERIALS CHARACTERIZATION COMMITTEE**

INSTRUCTOR

Zhiwei Peng, Central South University

WORKSHOP OVERVIEW

This course is aimed at introducing fundamentals of characterization of dielectric materials for microwave processing, with an emphasis on various techniques for characterizing the dielectric materials by measuring their permittivity (for nonmagnetic dielectrics) and permeability (for magnetodielectrics). The necessity and importance of establishing a complete database of dielectric properties of materials for microwave processing are also highlighted.

Attendees will learn about the underlying mechanism of microwave processing; recognize the unmet need for characterization of dielectric materials; and be able to select appropriate permittivity and permeability measurements techniques for different dielectric materials.

REGISTRATION FEES

Register for this professional development event through the TMS 2016 Annual Meeting & Exhibition Registration Form.

Before January 8, 2016	After January 8, 2016
Member \$325	Member \$425
Nonmember \$375	Nonmember \$475
Student \$75	Student \$125

Learn more about this workshop at: WWW.TMS.ORG/TMS2016/DIELECTRIC