



Rosemont, IL – May 7-9, 2018
CALL FOR PAPERS
Abstracts Due: September 8, 2017
Final Paper Due: February 23, 2018

Submit Abstract Online at: <https://www.formsite.com/radtech/form171/index.html>

RadTech International North America is pleased to invite you to submit an abstract for **RadTech UV&EB Technology & Conference 2018**, scheduled for May 7-9, 2018 at the Hyatt Regency O'Hare in Rosemont, IL. This is the foremost event for the UV/EB processing industry. As our industry has evolved, so has UV/EB technology grown to meet the new challenges. RADTECH's conference program will feature key areas of interest to the industry.

Those interested in presenting a technical conference paper no longer than 25 minutes in length with 5 minutes for Q&A at **RadTech UV&EB Technology & Conference 2018** should fill out the online Abstract Submission Form prior to **SEPTEMBER 8, 2017**. Your description should be sufficiently comprehensive to allow assessment of the scope and content of your paper by the Conference Committee. The Conference Committee will select papers and speakers will be notified whether or not they have been selected by **OCTOBER 13, 2017**. It is expected that a **limited** number of papers will be selected for TECHNICAL CONFERENCE! Due to the limited space we have available, please submit your paper by the deadline to ensure consideration for the conference.

Speakers will receive an instruction manual providing details to help prepare written and oral presentation as well as audiovisual aids. Speakers will be asked to use terminology consistent with the RADTECH UV Measurement Glossary when preparing papers. A copy of the Glossary may be found online at: <http://www.radtech.org/intro-to-uv-eb/uv-glossary>. Speakers may register at 50% off the member or non-member registration category.

The deadline for submitting your final paper for publication is **FEBRUARY 23, 2018**. Speakers agree to submit a written paper to be published in the conference proceedings, as well as develop a Power Point presentation if presenting within a session, in order to be considered for the conference program. Please consider the following suggested topics:

LED TECHNOLOGY

- Formulations
- Equipment Innovations
- Economics / Case Studies
- Hydrogels

3D PRINTING

New Materials & Resins
Equipment Innovations + Applications

ADVANCED MATERIALS

Bio-Based / Renewable
Enabling
Antimicrobial
Smart & Self Healing
Fire Retardant
Low Migration
Nanomaterials
Conductive Polymers

INDUSTRIAL APPLICATIONS

Coil coatings
Wood coating
Powder coating
Direct to Metal/ Metal Finishing

ELECTRONICS / DEVICES

Displays
Fiber optics
Photovoltaics
Flexible displays

AUTOMOTIVE

Interiors
Displays + Electronics
Exteriors
LiDAR + Autonomous Operations

AEROSPACE + DEFENSE

Commercial Aircraft
Military Aircraft + Weapon Systems

FIELD APPLIED

Mobile finishing/ Refinishing
Windshield repair

PRINTING + PACKAGING

Inkjet/ Digital
Indirect food contact

MEDICAL

Device coatings
Dental

ADVANCES IN CHEMISTRIES

Monomers/Diluents
Oligomers/Resins
Photoinitiators
Cationic Curing
Additives & Pigments
Hybrid Systems
Novel Chemistry

Waterborne
100% Solids Formulations
New Techniques

FORMULATION PARAMETERS

Modeling
Cure Kinetics
Lab Efficiency
Advanced Formulations

ADVANCES IN EQUIPMENT

UV and EB Curing Advancements
Substrate Treatment
3-Dimensional Curing
Mobile Finishing & Refinishing

TESTING & MEASUREMENT

Process Control
Physical/Chemical Properties
UV Measurements
Analytical Methods
VOC Calculations
Quality Assurance
Degree of Cure
Adhesion Issues