



*The Holm Conference  
Organization  
Announces the*

**29<sup>th</sup> International  
Conference on  
Electrical Contacts  
together with  
64<sup>th</sup> IEEE Holm  
Conference on  
Electrical Contacts**



**14-18 OCTOBER 2018  
Hotel Albuquerque  
Albuquerque, NM, USA**



**Sponsored By:**  
The Electronics Packaging Society  
(formerly CPMT) of The Institute of  
Electrical and Electronics Engineers,  
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**IEEE Meeting & Conference Management**  
445 Hoes Lane  
Piscataway, NJ 08855, USA



**64<sup>TH</sup> IEEE  
HOLM CONFERENCE  
ON  
ELECTRICAL CONTACTS**

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## **2018 Call for Papers**

### **Technical Areas**

#### **AUTOMOTIVE**

Hybrid/Electric Power	Hot Plugging
Switching & Connectors	Environmental Effects

#### **ELECTRONIC CONNECTORS**

High Frequency	High-Speed Data
Telecommunications	Lubricants
Corrosion Inhibitors	

#### **POWER CONNECTORS**

Crimp Connections	Bolted Connections
Plating/Lubricants	Glowing Contacts
	Degradation Effects

#### **CONTACT MATERIALS**

Air and Vacuum	High Frequency Relays
Ultra Miniature Relays	Carbon Fiber
Degradation Mechanisms	Reed Relays
Material Development	Switching Performance
Electroplating	Lead Free

#### **DEGRADATION MECHANISMS**

Switching Performance	Environmental Effects
Welding	Reliability
Breakdown	Diagnostics
Fretting	

#### **ARC INTERRUPTION**

DC/AC Switching	Circuit Breakers
Vacuum Interrupters	Hybrid Switching
Micro-Arcing	High-Speed Film/Video
	Super-Conducting
	Limiters

#### **MODELING**

Fundamentals	Dielectric Breakdown
Arc Simulation	Dynamic Welding

#### **NEW TECHNOLOGY**

MEMS	Micro Switches
RF Connectors	Arc Fault Safety
Nanotechnology	Superconductors
High DC Voltage Switching	

## **ICEC/HOLM 2018**

The 29<sup>th</sup> International Conference on Electrical Contacts together with the 64<sup>th</sup> IEEE Holm Conference on Electrical Contacts will be held from October 14-18, 2018 at the Hotel Albuquerque, Albuquerque, NM, USA.

Prior to this, the 4-day Intensive Course on Electrical Contacts will be held on October 10-13, 2018 in the same location. The course covers all aspects of Electrical Contacts, including:

- Contact fundamentals and materials
- Friction, wear, fretting and lubrication
- Electric arc fundamentals and dynamics
- Power and electronic connector technologies
- Guidelines for electrical and electronic connector design

IEEE uploads the ICEC/Holm Conference Proceedings to all relevant databases including the Engineering Index. Prospective authors should submit a brief abstract (200 words maximum) online before February 9, 2018. For abstract submissions and the latest information regarding the conference, please visit the Holm Conference Website at:

**[www.ieee-holm.org](http://www.ieee-holm.org)**

### **IMPORTANT DATES**

February 9, 2018	Abstract Deadline
February 23, 2018	Notification of Acceptance
April 20, 2018	Completed Paper Deadline
October 14, 2018	Conference Begins

### **CORRESPONDENCE ADDRESS**

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