



# Electrically Conductive Adhesives

## Lecture I: Introduction & ACAs

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**James E. Morris**  
Department of Electrical & Computer Engineering  
Portland State University  
P.O.Box 751, Portland OR 97207-0751, USA  
[j.e.morris@ieee.org](mailto:j.e.morris@ieee.org)  
[jmorris@cecs.pdx.edu](mailto:jmorris@cecs.pdx.edu)

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## Course Structure

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- **Lecture I**
  - **A. Introduction (ICA/ACA/NCA & common basics)**
  - **B. Anisotropic Conductive Adhesives (ACA)**
    - Anisotropic Conductive Paste (ACP)
    - Anisotropic (z-axis) Conductive Film (ACF/ZAF)
    - Non-conductive Adhesive/Film (NCA/NCF)
- **Lecture II**
  - **C. Isotropic Conductive Adhesives (ICA)**

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## Electrically Conductive Adhesives

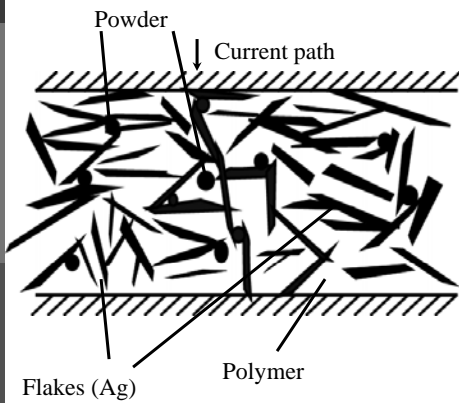
### A. Introduction

1. ICA, ACA, & NCA (Non-conductive Adhesive)
2. Technology Drivers
3. Applications
4. Processing
5. Materials
6. Electrical Test

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### ICA: Isotropic Conductive Adhesives



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### ICA: Flip Chip Interconnect

