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College of Science

Chester F. Carlson

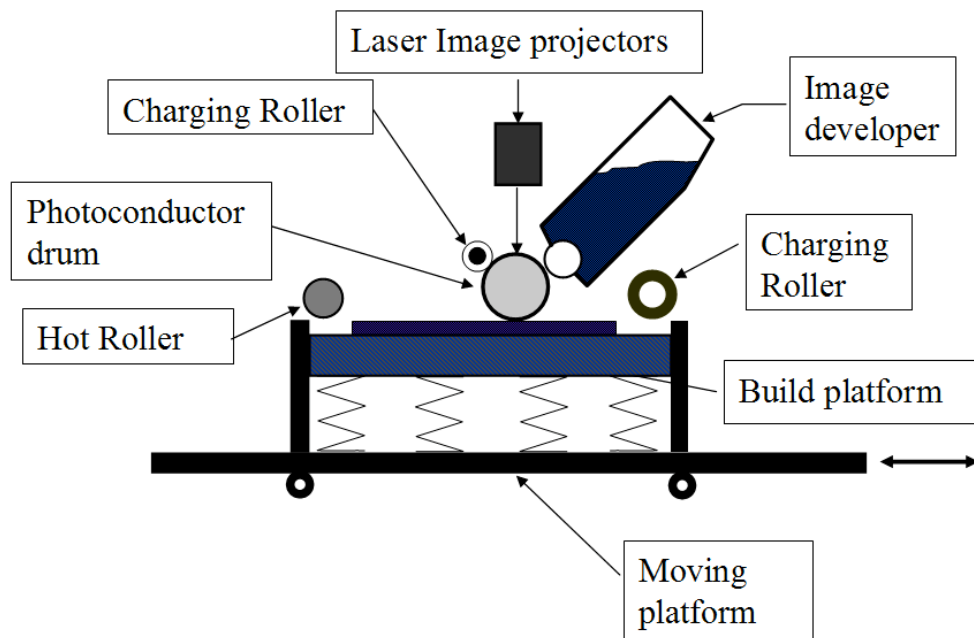
Center for **IMAGING** SCIENCE

Seminar Series

## 3D Rapid Prototyping Using Layered Electrophotography

**Ashok Kumar**

*Associate Professor, Mechanical and Aerospace Engineering  
University of Florida*



3D rapid prototyping is also known as solid freeform fabrication. A novel technique is described that uses electrophotography to deposit powder layer by layer onto a build platform. This system can precisely deposit powder in the desired shape on each layer. The talk will focus on research into the electric field required to transfer the powder onto the platform or onto previously printed layers.

**4pm, Wed, Dec. 10, 2008**

**Auditorium of the Center for Imaging Science**

**[www.cis.rit.edu/seminar](http://www.cis.rit.edu/seminar)**

**for up-to-date seminar schedule, video archives and abstracts.**