

*Department of Mathematical and Physical Sciences Presents*

# ***The DMPS 2009 Colloquium***

**Thursday, March 5**

**4:30-5:30pm**

**Room: LBV 208**

**Free and Open to Public**

**Palash Bera, Asst. Professor**

**Sanchez Jr. School of Business**

## **Representing Roles in Conceptual Modeling**

### **Abstract**

Roles are so important in organizations that they have been termed the key constituents of organizational structure. However, limited methods are available to model roles for systems analysts to understand the domain. This research uses an existing modeling method -extended entity relationship diagram (EERD) to suggest how roles can be modeled. A set of guidelines is prescribed to model roles in EERD. A laboratory study is performed to find the effectiveness of the guidelines. This research contributes to the development and extension of the widely used EERD method.

### **Refreshment Starts at 4:00pm**

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