

Poster Presentations

Texas A&M University-San Antonio Student
Research Symposium

What Is a Poster?

- This is a way to present your research
 - People can take a quick look and then move on
 - People can quickly read about the entire project
 - Should catch their eyes while remaining professional

Why a Poster?

- Posters and talks are both acceptable ways to present research.
- A talk is often considered more prestigious.
 - Fewer talks at a conference than posters
 - Some conferences only allow attendees to present posters, and all talks are keynotes.
- People who come to your talk are interested in your paper.
- At a poster session, people may stop by and look at your poster even if they are not at the session to look at your research

How should my poster look?

- There are three optional templates on the [SRS website](#), and you may also create your own.

How Do I Write On the Poster?

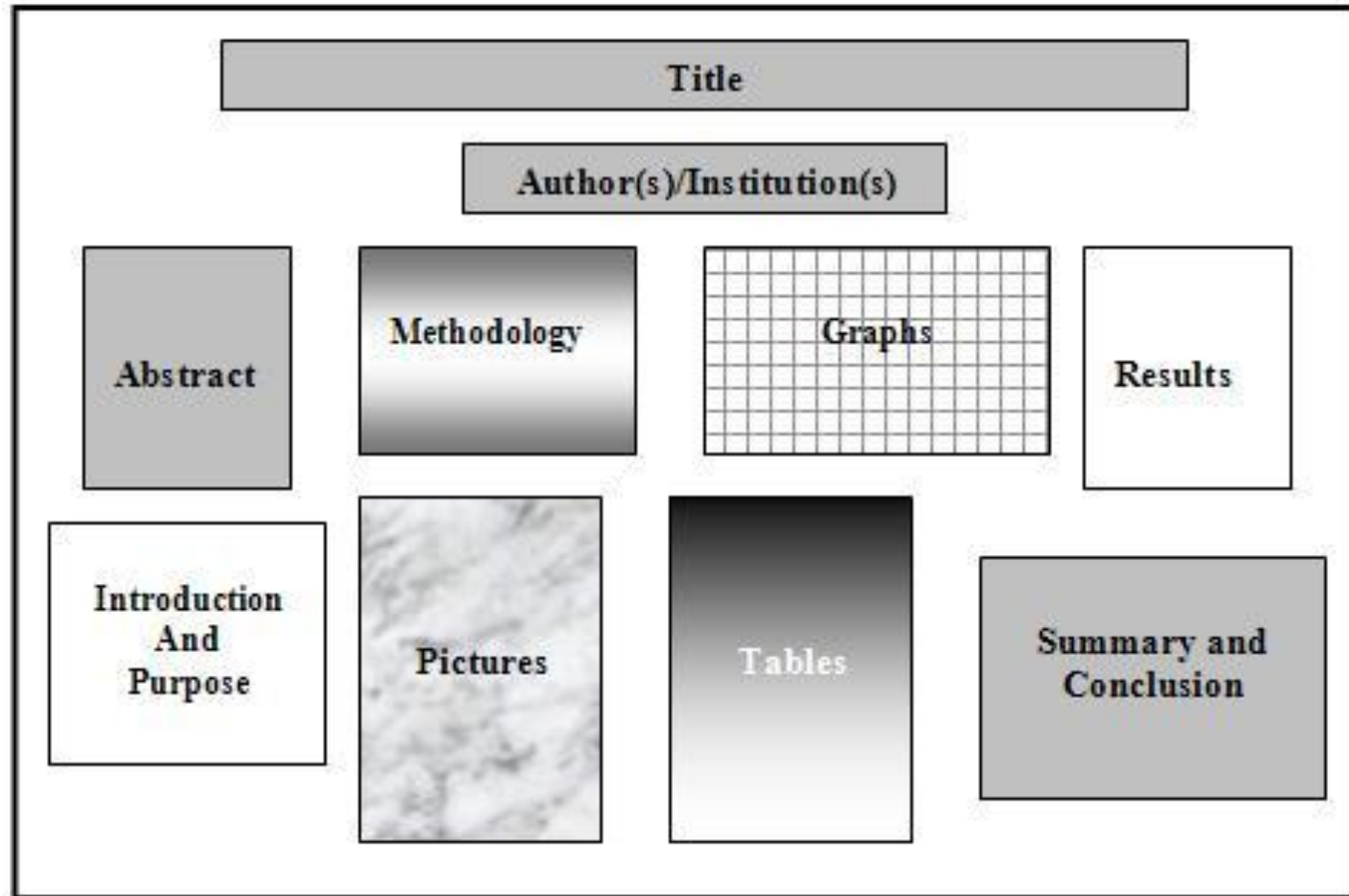
- Use an easy-to-read font.
 - Arial, Helvetica
 - Not Times New Roman (better for books and papers, not posters)
- Use a LARGE font.
 - Not much on each slide.

What Do I Need to Include?

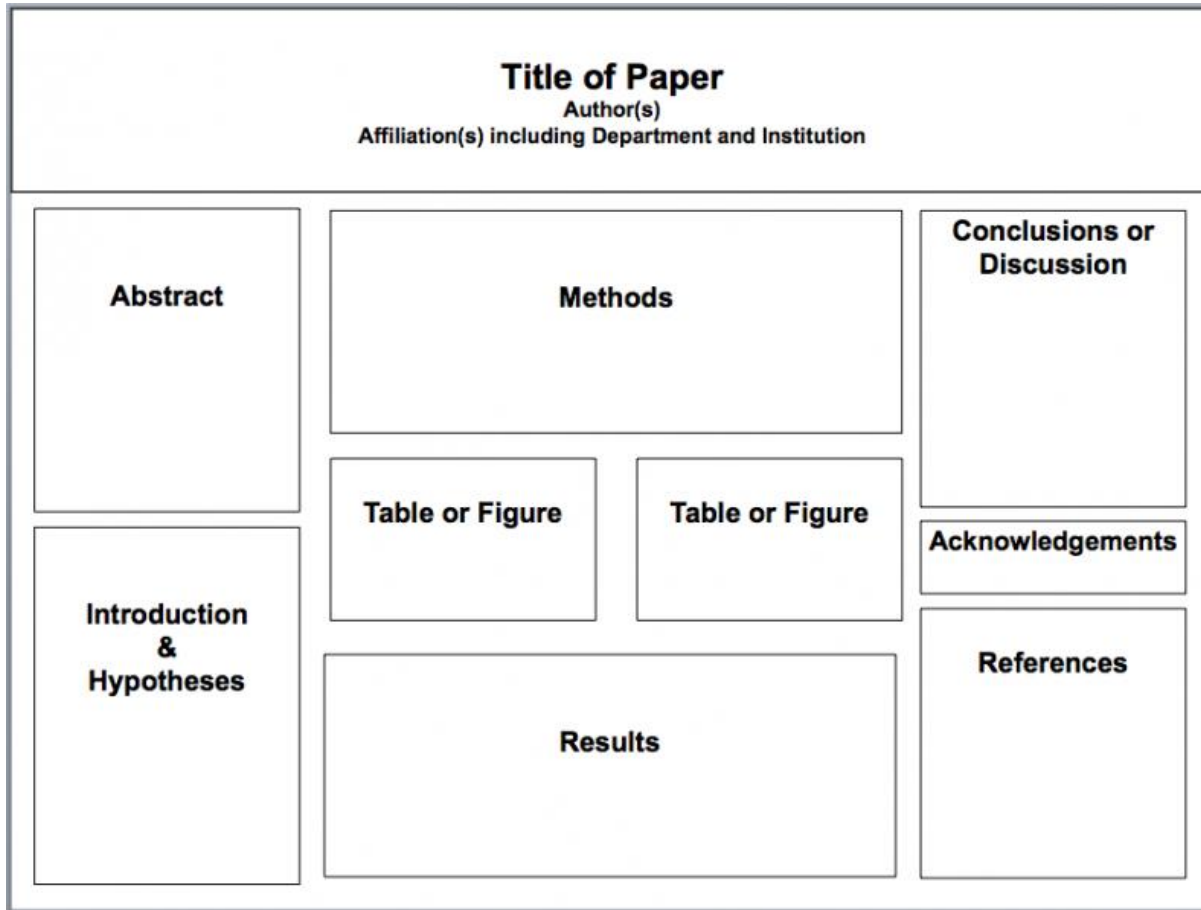
(May Vary Based on Discipline).

- Title with name/affiliation
- Introduction with a few sources from background literature
- Hypotheses
- Design/Methodology
- Results with graphs/pictures
- Discussion
- References

Sample Layout



Sample Layout





University of Maryland
College Park

Integrated Security Services for Dynamic Coalitions

PI: Virgil Gligor Co-PI: John Baras Research Scientists: Serban Gavrila
Graduate Students: Himanshu Khurana, Radostina Koleva, Vijay Bharadwaj
Undergraduate Students: Aurelie Gatelet

Research Area: Dynamic Coalitions (Peer-to-Peer Networks)

◆ Diverse membership

- Overlapping but not identical member interests
- Multiple, autonomous domains of security policy administration
- Potentially different access control, authentication, and secure communication technologies

◆ Dynamically changing membership

- Member join / departure at any time after coalition creation/setup
- Membership duration can be lower than *current* time to set up a coalition (e.g., weeks, months)

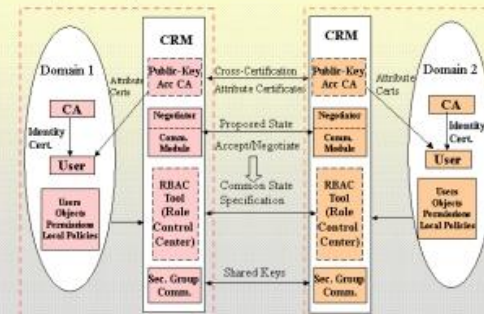
◆ Dynamic management of member access to resources

- Member join / departure must not require new coalition creation/setup
- Access control negotiations can take place at any time

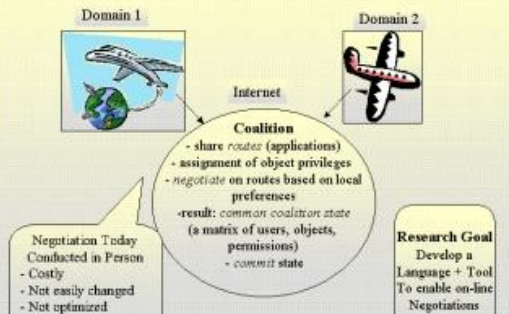
Integration Goal

Develop Coalition Resource Management (CRM) Tools

Example: CRM Components for Two Domains



Negotiation Example



Access Negotiation in Dynamic Coalitions

◆ Negotiation of Common Coalition State

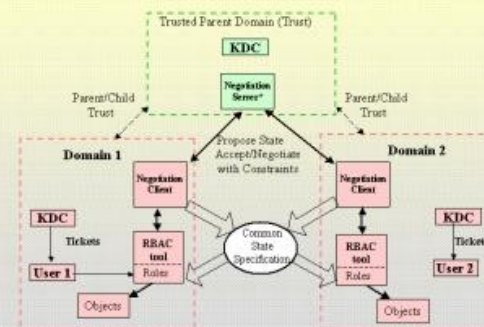
- Assumption: *same interpretation of a common policy model*
- Common state: state obtained by assignment of privileges for coalition objects/services to users of foreign domains
 - State: matrix of users, objects, and permissions for entire coalition
 - Domain preferences for common state may exist
 - There may be *constraints* on common state
 - None, global constraints, local-domain constraints (bargaining)
- Goal: find a common state that satisfies all coalition members and all constraints

◆ Negotiation of Policy Model (interpretation)

- goal: establishment of common policy properties;
- different Authorization, Access Attributes, Access Management properties

Stage I Prototype Architecture

Constraints on Common State



Modes of Negotiation

◆ No Constraints

- Allow foreign users to access local domain resources

◆ Global Constraints

- Domains register their resources (e.g. objects) with trusted Negotiation Server
- The Negotiation Server delivers the set of objects of the common state based on some global constraint, and returns this set to the domains

◆ Local Constraints (negotiation with bargaining):

- Domains construct resource (e.g. object) *preference lists* (under local constraints), propose corresponding *common state* and wait for responses
- Agreement on *common state* implies that state is *committed*; else lower-preference states are proposed, and negotiation continues

DARPA PI Meeting Colorado Springs, CO, 25-27 July 2001

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Introduction

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Research Goal

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Methods

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Figures and Results

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Conclusion

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How and where do I submit my poster?

- Submit a PDF copy of your poster to srs@tamusa.edu no later than Monday, April 21.
 - This will allow judges to begin viewing posters ahead of the symposium.