

# Educational, Outreach & Communication Initiatives

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# A Way Forward

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## Publications

- Approach

## Workshops

- Series of Three

## Student Development

- MURI Graduate Fellows

## Educational Activities

- 4-Tiered Approach



# Publication Approach

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- Inform Several Disciplines...
  - Human Factors, Cognitive Engineering & NDM
  - Cognitive, Social, Military & I/O Psychology
  - Computer Science
  - Industrial Engineering



# Publication Approach (Cont'd)

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- Balance the Type of Publications
  - Theoretical to Empirical
  - Methodological to Practical
  - Scientific to Military Community
  
- Seek the Best Outlets
  - Peer-review journals



# Publication Approach (Cont'd)

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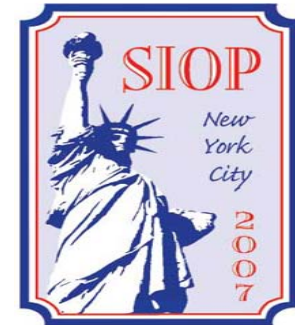
- Books
  - Edited & Authored
  
- Special Issues
  - Theoretical Issues in Ergonomics Science (TIES)
  - Cognitive Technology
  - Others(?)



# Publication Approach (Cont'd)

## □ Conferences

- HFES
- AugCog
- SIOP
- INGRoup
- I/ITSEC
- Others



## □ Trade Journals



# W1: Theory Building & Development

- Who to Invite
  - Scientists involved in macro-cognition & collaboration in teams
- When
  - Spring 2008
- Format
  - Multidisciplinary
  - 2<sup>1/2</sup> days
  - 30-40 attendees & speakers



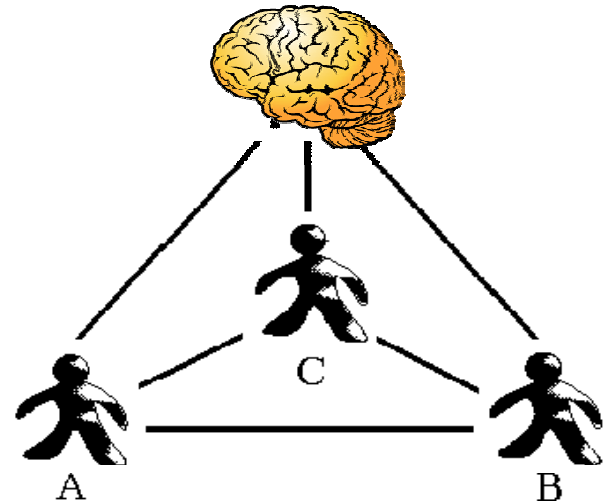
# W1: Theory Building & Development

- Format
  - 2 keynotes
  - 8-10 presentations
  - Discussion & panel sessions
  - Student poster session
- Products
  - CD proceedings
  - Edited book



# W2: Performance Assessment, Metrics, Tools

- Format
  - Same as Workshop 1
- When
  - April 2009
- Products
  - CD proceedings
  - Edited Book



# W3: State of the Science

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- Format
  - 50-60 Attendees
  - Papers, posters, panels, debates
  - Several Keynote speakers
- When
  - 48-60 Months out
- Products
  - CD Proceedings
  - Edited Book(s)



# Workshops

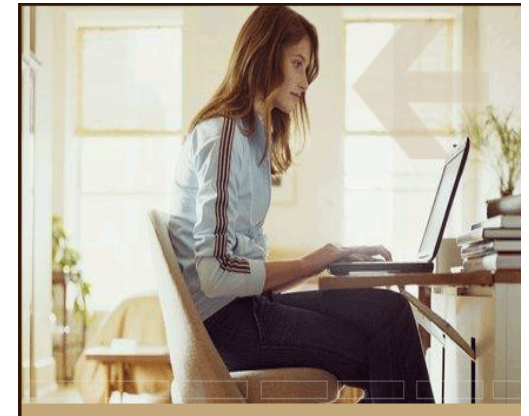
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- Others Ideas...
  - Primer on macro-cognition & collaboration
    - Book
  - Primer on measurement of macro-cognition & collaboration
    - Book



# Student Development

- MURI Graduate Fellows
  - All partner universities
  - 15+ Graduate Students
  - 8 Undergraduates
  - Support thesis & dissertations



# Educational Activities

- Graduate Seminars/Special Topics
  - Collaboration
  - Macro-cognition
  - Team decision-making
- Invited Speakers
- Conference Panel Session(s)
- Brown Bags

