

International Conference on Research In Engineering Education (ICREE)

Wendy C. Newstetter
Georgia Tech

The Wallace H. Coulter Department of
Biomedical Engineering

ICREE

- **MOTIVATION**

- Journal of engineering education “rebirth”
- Fostering community of ee researchers
- Ph.D programs in ee

- **FUNDING**

- CASEE, NSF Grant

- **PROCESS**

- Call for papers sent to selected group
 - Suitable for JEE publication
 - Work in progress
- Reviewed by planning committee and others
- 33 papers selected out of 46

Focal Areas

<i>Method</i>	Design/ Problem solving	Assess	Pedagogy	Conceptual	Student Attitudes/ Gender & race	Interdis.	EE as a field	Misc.
“Controlled” experiment		1	3	4				
Psychometric study		3						
Survey/ Written instrument				1	4			
Interview				1		1		
Think-aloud protocol	1			1				
Ethnographic/ qualitative study	3		1		2	1	2	
Literature Review							1	2
??				1				

ICREE

- Format
 - Keynotes
 - 3 speakers; three continents
 - Research community sessions
 - 8 papers/session
 - 45 minutes discussions of paired papers read in advance
 - Speed dating
 - Tables of 4; 10 minutes

Future of ICREE

- Strong desire to sustain and grow
- Funding uncertain
- Timing uncertain