

Center for Embedded Systems

An NSF Industry/University Cooperative Research Center

IAB Meeting (closed)

Wednesday, June 13, 2012

O'Fallon, IL

7:30 – 9 a.m. ; 10:30 am - noon

SIU
Southern
Illinois
University
CARBONDALE



ASU Ira A. Fulton
Schools of Engineering
ARIZONA STATE UNIVERSITY

Agenda

- **Old Business**

- Approve minutes from January 2012 meeting (Byron)
- Year 4 financial projections(Sarma, Spyros)
- Vote on chair / vice chair selection, process, and timing (Byron)

Agenda (cont.)

- **New Business**

- Vote on year 4 proposals (Byron)
- Year 3 project final report deliverables (Byron)
- Discussion on technology roadmap (Sarma, Spyros)
- De-brief of current meeting (Byron)
- Set January meeting date (Byron)

Any Additions or Corrections?

Agenda

Vote
Required

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Year 4 Financial Projection (ASU)

Industry Member	Membership \$'s (\$K)
Intel, AZ	\$50
Marvell	\$50
Qualcomm	\$50
Raytheon	\$50
Toyota	\$100
Total	\$300

Year 4 Financial Projection (SIUC)

Industry Member	Membership \$'s (\$K)
Caterpillar, IL	\$50
Dickey-john, IL	\$25
General Dynamics	\$50
Hamilton Sunstrand	\$75
Intel, CA	\$25
Intel, OR	\$50 (possibly \$75)
Rockwell Collins	\$75
Total	\$350 (\$375)

IUCRC/Center for Embedded Systems Value

Industry Member	\$'s (K)
ASU/SIU Memberships	\$650 (\$675)
Overhead Saving	\$328
Tuition Saving	\$120
NSF Supplement (FRP)	\$200
NSF Supplement (Corbi, REU)	\$66
NSF Funding	\$105
Total	\$1,469 (\$1,494)

**Key Message: This consortium is worth
~\$1.5M in research projects.**

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Proposed Chair Selection Process

Vote
Required

Requires a vote to include in by-laws:

- IAB elects a chair and a vice-chair for a 2-year term
- Nomination/voting at June meeting
- Chair runs IAB business meetings at January and June meetings; liaison with CES directors and project mgrs
- Vice chair serves if chair is unable to
- Chair and vice chair eligible to serve for 2 consecutive terms

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Voting Logistics

- **Industry Voting:**
 - Each industry vote represents \$5K/vote
 - Industry members *should* prioritize their research proposal 1st when distributing votes
 - Industry members *could* collaborate amongst themselves for project voting
 - Outcome of the votes defines the *Industry Priorities* of the research proposals (by university)
- **University Site Directors role:**
 - Directors distribute research funds based on *Industry Priorities*
 - Directors are given the flexibility to work with the PI's on *actual vs proposed* funding
 - Directors work together to ensure projects which a majority of industry members show interest are funded
 - Directors publish final “Approved Project” list to all industry members

Year 4 Project Voting

Vote
Required

Industry Member	Votes
Intel, AZ	10*
Marvell	10*
Qualcomm	10*
Raytheon	10
Toyota	20
Caterpillar, IL	10*
Dickey-john, IL	5
General Dynamics	10
Hamilton Sunstrand	15
Intel, CA	5*
Intel, OR	10
Rockwell Collins	15
Total	130

*Denotes – Commitment at Jan'2012 mtg to reserve QTY:1 vote for FRP proposal

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Final Project Deliverables

Vote
Required

Discussion on how IAB wants final project results delivered

- **Proposed:**

Option a) Center publishes the annual “results report” each year in the fall and PIs available for conference call upon request

Option b) Other?

Any Additions or Corrections?

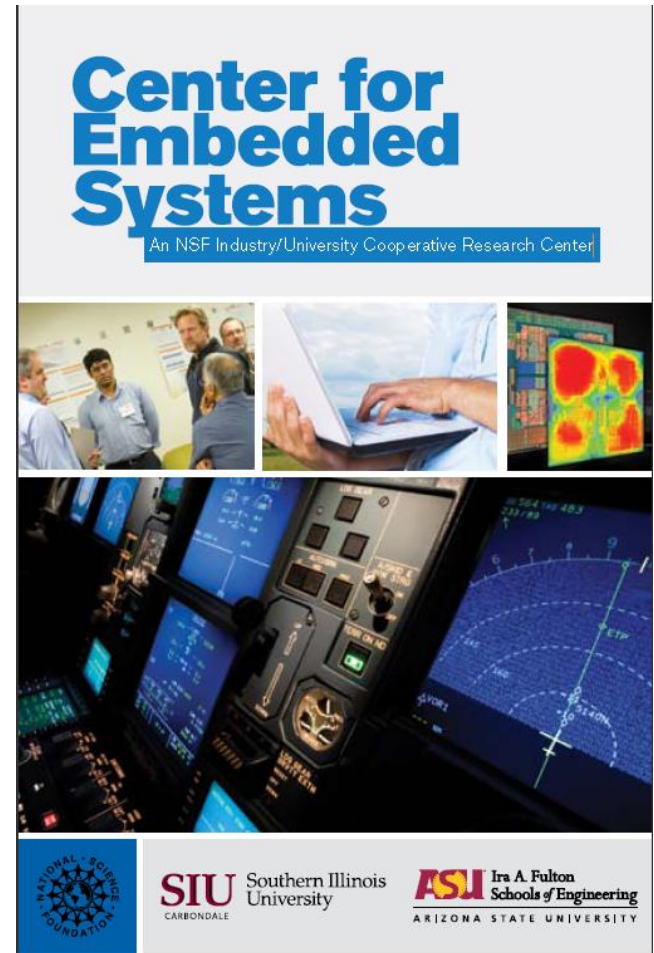
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IUCRC/CES Technology Roadmap

- Refer to “General Marketing Brochure” included in your packet.
- Centerfold refers to “Research Areas of Expertise”
- This is our “Technology Roadmap”
- Use this brochure to help recruit additional industry members



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