Name of Society/Organization: American Society for Engineering Education

URL: http://asee.org/

What is the mission of your organization?

The American Society for Engineering Education is committed to furthering education in engineering and engineering technology. This mission is accomplished by promoting excellence in instruction, research, public service, and practice; exercising worldwide leadership; fostering the technological education of society; and providing quality products and services to members. The Society seeks to encourage local, national, and international communication and collaboration; influence corporate and government policies and involvement; promote professional interaction and lifelong learning; utilize effectively the Society's human and other resources; recognize outstanding contributions of individuals and organizations; encourage youth to pursue studies and careers in engineering and engineering technology; and influence the recruitment and retention of young faculty and underrepresented groups.

Please describe the membership of your organization: number of members, demographic profile, and common interests.

We have over 12,000 members, approximately 10,000 of which are individual members and the remainder are college of engineering, colleges of engineering technology, and corporate members. Individual members are predominantly made up of engineering or engineering technology faculty spanning all disciplinary areas.

How does your organization influence computing education?

We have a Division of Electrical and Computer Engineering whose focus is electrical and computer engineering education. They sponsor numerous workshops and sessions at the annual conference focused on electrical and computer engineering education.

What do you see as the most significant three challenges facing computing education in order to achieve the goals that your organization wants for computing education?

Motivating faculty to be innovative and having the rewards to recognize their contributions

Engaging faculty in the scholarship of engineering education to ensure appropriate evaluation of innovations

Broadening participation in computing, especially women and underrepresented minorities

What are the top three things that should be done to improve computing education?

Rewarding faculty for being innovative
Recognizing the scholarship of engineering education

If all the groups coming to this meeting got behind a common goal or strategy, what would you suggest that it would be?

Strategies for broadening participation in computing

What concrete outcome would you hope this meeting to achieve?

A consensus on what to do next

What would you want representatives from your organization to learn from the summit?

What the issues are, who is doing what at this point in time, what role could/should ASEE play in the future

What would help your organization the most at this workshop?

Is their consensus on what needs to change? If so, is there any consensus on what the highest priorities are?

We will be able to invite at most two representatives from each participating society/organization. Could you please provide names and short bios of two representatives from your organization?

Sample bios of meeting PIs:

**Dr. Sarah Rajala** is Dean of the Bagley College of Engineering and Professor of Electrical and Computer Engineering and is the President of the American Society for Engineering Education. She is a member of the Executive Committee of the Engineering Accreditation Committee of ABET and on the ASEE Accreditation Activities Committee.

Dr. Rajala's contact information is rajala@bagley.msstate.edu, office phone: 662-325-2270, 250 McCain Hall, Box 9544, Mississippi State, MS 39762.

**Dr. Dennis Silage** is Professor of Electrical and Computer Engineering and Director of the System Chip Design Center at Temple University. He is Past Chair of the ASEE ECE Division, an ABET Program Evaluator for both Electrical Engineering and Computer Engineering and a Senior Member of the IEEE.

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