



School of EECS

ANNUAL RETREAT – AUGUST 2014

AGENDA

- ❑ 07:45 – 08:15 AM: Breakfast
- ❑ 08:15 – 10:00 AM: School-wide issues, led by Behrooz, Scribed by Sakire
- ❑ 10:00 – 10:15 AM: Break
- ❑ 10:15 – 10:45 AM: ABET – School-wide issues, led by Chris, Scribed by Sakire
- ❑ 10:45 – 12:15 PM: Breakout session: ABET and Curriculum issues
 - ECE: Led by Siva and Scribed by Ben
 - CS: Led by Chris and Scribed by Adam
- ❑ 12:15 – 01:15 PM: Working lunch
- ❑ 01:15 – 01:30 PM: EE at Olympic College, Bremerton, led by Jeffrey Brown
- ❑ 01:30 – 03:00 PM: Breakout session reports presentations
- ❑ 03:00 PM: Refreshments, meeting adjourns

RETREAT MATERIAL

http://eecs.wsu.edu/~shirazi/Retreat_2014

TOPICS – SCHOOL-WIDE

- ❑ Performance benchmarks
- ❑ EECS strategic plan
- ❑ 2014-15 faculty recruiting plan
- ❑ Graduate programs bylaws
- ❑ Reducing Computer Science (and other programs?) certification requirements
- ❑ Student recruitment and retention (esp. CS)
- ❑ FE exam – for program assessment?
- ❑ EE at Olympic College, Bremerton
- ❑ Core/new courses discussion; graduate handbook (Shira)
- ❑ Communicating with PhD student recruits
- ❑ Qualifying Exams revisited
- ❑ Research-Education themes/groups
- ❑ Faculty mentors and mentors evaluations
- ❑ Mentoring of student instructors
- ❑ Conference rooms utilization (Sakire)
- ❑ Canceling low-enrollment classes
- ❑ Accreditation of the CptS BA program
- ❑ ABET (Chris)

ANNOUNCEMENTS

- ❑ Chen-Ching elected to the WA Academy of Sciences
- ❑ Ice Cream Social: 3-5 PM, August 27th, ETRL front lawn/yard
- ❑ WSU EECS Student Club Night
 - Wednesday September 3rd, 4:10pm- 6:00pm
 - 4:10pm (Sloan 175) Chair's address of the School of EECS
 - 4:16pm (Sloan 175) Faculty presentations (3 mins each) (Matt Taylor, Aaron Crandall, Andy O'Fallon, TBA)
 - 4:30pm (Sloan 175) Staff introductions (John Yates, Josh Whiting, Alli Guyer, Vasiliy Bunakov)
 - 4:35pm (Sloan 175) EECS Club introductions
 - 4:45pm (outside Sloan 175) Pizza will be served.
 - 4:45pm -6:00pm Open House and scavenger hunt

PERFORMANCE BENCHMARKS

EECS STRATEGIC PLAN

2014-15 FACULTY RECRUITING PLAN

- ❑ EE-Everett – Non-tenure-track
- ❑ EE non-tenure track
- ❑ CptS – 2 Tenure track in ML
- ❑ CptS – 1 Tenure track in Software Engineering
- ❑ CptS – 3 Tenure track in Data Science
- ❑ CptS – 1 Tenure track (Sustainable Infrastructure Choice)
- ❑ [Possibility of SE at Everett]

GRADUATE PROGRAM BYLAWS

REDUCING CERTIFICATION REQUIREMENTS

- ❑ Computer Science in particular
- ❑ External view: the sooner a student is certified, the sooner s/he graduates
- ❑ WSU looks bad compared to the rest of academic institutions in the state
 - See CS Certification Comparison file

STUDENT RETENTION

- ❑ CS enrollment is critical to our success
- ❑ We need to do a much better job of retaining (CS) students
- ❑ CptS 111 is not the answer to everything
- ❑ Attrition rate may be more than 50%
- ❑ Need to figure out the root cause and address the problem(s) accordingly

STUDENT RECRUITMENT

STUDENT RECRUITMENT AND RETENTION

- ❑ A significant faculty service
 - Similar to Grad Studies and Grad Student Recruitment
 - Course Scheduling
 - ABET assessment and coordination
- ❑ Course off-load and one-month summer support

CORE/NEW COURSES DISCUSSION; GRADUATE HANDBOOK (SHIRA)

PHD QUALIFYING EXAM REVISITED

□ UCLA model

- Have the student write a paper
 - Intro to research area
 - Motivation for their research
 - Research goals
 - Research plan for achieving goals
- The paper will be judged by a panel of 3 faculty who will review it based on specific criteria
- To pass, the paper must be accepted by the panel

RESEARCH-TEACHING AREAS

- ❑ Power
 - Chen-Ching and Anjan
- ❑ ML
 - Diane and Larry
- ❑ Microelectronics and Computer Engineering
 - Partha
- ❑ Data Science
 - TBD
- ❑ Systems, signals, and control
 - TBD
- ❑ Distributed and networked systems
 - TBD
- ❑ Bioinformatics??
- ❑ Others???

MISC ITEMS

- FE exam – for program assessment?

MISC ITEMS

- ❑ EE at Olympic College, Bremerton

MISC ITEMS

- ❑ Communicating with PhD student recruits

MISC ITEMS

- ❑ Faculty mentors and mentors' evaluations

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- ❑ Mentoring of student instructors

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- ❑ Conference rooms utilization (Sakire)

MISC ITEMS

- ❑ Canceling low-enrollment classes

MISC ITEMS

- ❑ Accreditation of the CptS BA program