Publication Venues

(Engineering -> Communications Area)

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IEEE Journals

- Types of journals
  - Letters
  - Transactions (Regular Paper & Correspondence)
  - Magazine
- Each has a different purpose, expectation, and requirement

IEEE Journals

- Letters
  - IEEE Comm. Letters, IEEE Wireless Comm. Letters, IEEE Signal Processing Letters, etc.
  - 4-5 pages
  - Very quick review (4-6 weeks) and publication (6 months)
  - Accept interesting, novel, well-investigated <u>single idea</u>, and crisply-written manuscript

IEEE Journals

- Transactions
  - IEEE Trans. Comm., IEEE Trans. Wireless Comm., IEEE Trans. Signal Processing, IEEE Trans. Vehicular Tech., etc.
  - IEEE J. Selected Areas in Comm., IEEE J. Selected Topics in Signal Processing (accept special issues only)
  - 10-15 pages (Regular), 5-6 pages (Correspondence)
  - Review time 3 months, publication 1-2 years

IEEE Journals

- Transactions (cont.)
  - Accept <u>complete and technically sound work</u>, composed of multiple ideas or extension of a single idea, with noticeable contribution to the field
  - Correspondence is shorter than Regular Paper but establishes noticeable contribution as well, and will go through the same review process

IEEE Journals

- Magazine
  - IEEE Comm. Magazine, IEEE Vehicular Tech. Magazine, etc.
  - Requirements vary
  - Accept tutorial and survey papers <u>with authors' own contribution</u> to the topic (possibly from previous publications)
  - Citations and visibility may be good

IEEE Journals

- General expectations
  - Significance
  - Novelty } Contribution
  - Technical depth
    - Mathematical rigorousness, comparison with related work, etc.
  - Organization and presentation
    - Fluidity, clarity, language use
    - <u>Weighs 30-40%</u> of the whole package

IEEE Journals

- Process from submission to publication
  - Receive decision 3 months after submission
    - Minor Revision, Major Revision, Rejection
    - Decision is made based on 3 or more independent Reviewers' comments and to Editor's discretion
  - If Minor or Major Revision, prepare a <u>point-by-point response</u> to Reviewers' Comments along with the revised manuscript, then submit for another round of review (2-3 months)

IEEE Journals

- Process from submission to publication (cont.)
    - If Rejection, you may (or may not) resubmit to the same journal
        - Resubmit to the same journal as a new submission, along with a <u>point-by-point response</u> to Reviewers' Comments
        - Alternatively, submit to another journal (no obligation (although encouraged) to address Reviewers' Comments from the previous round of review)

IEEE Journals

- Process from submission to publication (cont.)
  - Usually go through 2-3 rounds of review
  - Your paper will be accepted if Reviewers' Comments are satisfactorily addressed, and the manuscript properly revised
  - Receive acceptance notification about 8-10 months after initial submission
  - Now the paper is "in press"

IEEE Journals

- Process from submission to publication (cont.)
  - You will work with IEEE Staff Editor in the publication process
    - Submit source files (TEX, images EPS, etc.)
    - Prepare author bios and photos (for Regular Transactions)
    - Read Proof
    - Pay for page charges, if any

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IEEE Conferences

- Conferences are venues to present new work, gain visibility, and meet people
- IEEE sponsored international conferences
    - ICC, GLOBECOM, WCNC, VTC, PIMRC, ICASSP, etc.
    - Most are held annually, some twice a year (VTC)
    - Deadlines around September and March
    - 5-6 pages (most) or 4 pages (some)

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IEEE Conferences

- IEEE sponsored international conferences (cont.)
    - Accept papers <u>with a good idea or useful applications</u>
    - Review time about 3 months (one round only)
    - Decision is made based on 3 independent Reviewers' Comments and to Technical Program Committee's discretion
        - Acceptance, Rejection

IEEE Conferences

- If paper is accepted
  - No obligation (although encouraged) to address all Reviewers' Comments
  - Pay registration fee
  - Prepare a PowerPoint for oral presentation, or a poster
  - Make travel plans (hotel, air tickets, visa, etc.)
  - Rehearse your presentation