Paper presentation guidelines

• Introduction
  – what is the problem
  – why do we care about it? why is it important?
• Background information
  – information not necessarily in the paper, but helps to understand the concepts
  – maybe some prior work (though for the length of these, you often don’t need to present this)
• Algorithm/approach
  – clearly spell out the approach
  – often useful to give a small example and walk through it

Paper presentation guidelines

• Experiments
  – setup
    • what is the specific problem?
    • what data are they using?
    • evaluation metrics?
  – results
    • graphs/tables
    • analysis
• Conclusions/future work
  – what have we shown/accomplished?
  – where to now?
• Discussion
  – any issues with the paper?
  – any interesting future work?
  – interesting implications?

Paper presentation guidelines

• Misc
  – Presenting the material
    • be energetic/enthusiastic
    • make sure you know the material!
    • don’t read directly from your slides (or note cards if you bring them)
    • use some visual presentation software (e.g. powerpoint)
    • audience interaction is good (though not necessary for this type of presentation)
  – Avoid lots of text (i.e. this is a bad slide 😞)
    • powerpoint has a notes feature that you can use to remind yourself what you want to say, but not show to the audience (you can also print it out and use this instead)
  – use lots of images/figures/diagrams
  – show examples to illustrate algorithms/points
  – go beyond the paper – papers and presentations have different goals

Paper presentation guidelines

• more misc
  – equations: make it clear what each part of the equation is
  – graphs: if you show a graph:
    • explain what the axes are
    • explain what we’re looking at
    • explain why we care about this/what the result is
  – ~1 slide per minute (give or take with introductory material, animations, etc)
  – consider an outline during presentation to help the audience know where you’re at