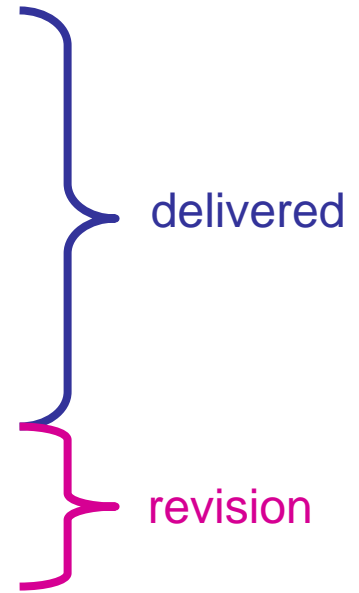


# AES Tutorial First Issue

- First issue appeared early this year.  
Contents included:
  - The Multi-Hypothesis Tracker (MHT) [Blackman]
  - Space Time Adaptive Processing (STAP) [Melvin]
  - Class-Specific (CLASP) features for machine-learning classification [Baggenstoss]
  - Finite Set Statistics (FISST) [Mahler]

# Upcoming Issue

- Second issue early 2005:
  - Maximum Likelihood Probabilistic Data Association (MLPDA) [Bar-Shalom & Kirubarajan]
  - DC Power Systems Review [Batarseh]
  - Practical Nonlinear Filters [Daum]
  - Sensor Networks [Sadler]
  - Multibaseline SAR [Gini & Lombardini]



# Third Issue Plans

- I have corroboration that all these are being worked on and will come:
  - OTHR [Anderson]
  - Testing for Complex Systems [Pattipati]
  - Monopulse Signal Processing [Nickel]
  - Particle filters [Gordon & Salmond]

- Review Process:
  - Presently 3-4 reviewers per paper
  - Reviewers are informed that paper was solicited (if it was)
  - Different metrics from Transactions & Magazine
  - One paper on knowledge-based STAP has been rejected
  - Critique of early-warning radar (EWR) tracking techniques also rejected

- Solicited articles:
  - GPS
  - SAR/ISAR (need basic article)
  - High-resolution radar (HRR)
  - Systems engineering
  - Search theory
  - Modern air-traffic control (ATC)