STANFORD UNIVERSITY
Stanford, California

ARTIFICIAL INTELLIGENCE GROUP:

LISP 2 Specifications Conference

A G E N D A

(1) LISP 1.5 and its deficiencies
  (a) Applications

(2) Proposals for LISP 2.0

  (a) Linear Free Storage
  (b) Numbers and other full words
  (c) Auxiliary Storage
  (d) Input language - infix notation
  (e) Arrays
  (f) Freer output format
  (g) Sequence of implementation
  (h) Comments
  (i) Documentation and maintenance
  (j) Hash Coding
  (k) Subroutine linkage
  (l) Storage conventions
  (m) Effect of various I-O apparatus
  (n) Interaction with programs in other languages
  (o) Expressions having property lists
  (p) Data structures
  (q) Fitting into monitor

(3) Objections to LISP 1.5

  1. Cluttered
  2. Slow numberical calculations
  3. Data structure
  4. Slow interpreter

MACHINES WITH LISP 1.5 - 2.0

Machine	On-line	Display
7090	Yes	Yes
STRETCH	No	-
CDC 6600	?	-
UNIVAC 490	Yes	Yes
Q32	Yes	Yes
PDP-6	Yes	Yes
CDC-3600	No	-
UNIVAC 1107	No	-
PHOENIX	Yes	Yes