Floating-Point Indoctrination at Sun
8-10 am, Sun's Bldg. 7, 2700 Coast Ave. M V
TENTATIVE SCHEDULE: as of May 30

Date	1988		Topic
Tues.	May	3	Overview: Who should attend & why?
Thurs.	May	5	Overview cont'd: the environment.
Tues.	May	10	Integers -- basics
Thurs.	May	12	Floating-Point representation -- basics
Tues.	May	17	Floating-Point -- why Binary is best
Thurs.	May	19	Floating-Point error analysis -- usual model
Tues.	May	24	Floating-pt. error anal. -- to the last bit
Thurs.	May	26	+, -, *, / Aberrant rounding vs. IEEE 754/854
Tues.	May	31	"
Thurs.	June	2	Nonconventional numbers, Intervals, ACRITH
Tues.	June	7	Guest: Ulrich Kulisch
Thurs.	June	9	CORDIC Algorithms. Register file vs. Stack
Tues.	June	14	Guest: Jim Valerio on 387 CORDIC, 80960 reg's
Thurs.	June	16	Exception Handling (1)
Tues.	June	21	Guest: Tom Anderson of CYDROME (tentative)
Thurs.	June	23	Multiple-Precision & other language issues
Tues.	June	28	Software for divide and SQRT
Thurs.	June	30	Report on some aberrant computers (CDC, CRAY)
Tues.	July	5	Exception handling (2)
Thurs.	July	7	Approximating transcendental functions
Tues.	July	12	The REMEZ algorithm vs. Rounding errors
Thurs.	July	14	Monotonicity
Tues.	July	19	
Thurs.	July	21	Project Reports
Tues.	July	26	Project Reports cont'd.
Thurs.	July	28	Wrap-up at Apple I, 7:30-10 PM

Kahan