Floating-Point Indoctrination at Sun
8-10 am, Sun's Bldg. 7,   2700 Coast Ave. M V
TENTATIVE SCHEDULE: as of   June 14

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	When is SNGL(dble)=snql ? Compensated ADD
Thurs.	June	2	Nonconventional numbers, Intervals, ACRITH
Tues.	June	7	Guest: Ulrich Kulisch on Fortran SC etc.
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 on CYDROME CYDRA 5
Thurs.	June	23	Multiple-Precision & other language issues
Tues.	June	28	Report on some aberrant computers (CDC, CRAY)
Thurs.	June	30	Guest: Cleve Moler on Portable Numer. Soft.
Tues.	July	5	Software for Divide & SQRT
Thurs.	July	7	Exception handling (2)
Tues.	July	12	Approximating transcendental functions
Thurs.	July	14	The REMEZ algorithm vs. Rounding errors
Tues.	July	19	Monotonicity
Thurs.	July	21	Project Reports
Tues.	July	26	Project Reports cont'd.
Thurs.	July	28	Wrap-up at Apple I, 7:30-10 <Date tentative>