

Joe Zender		5	13:05	SPICE Usage on ESA Missions
Chuck Acton	6	10	13:10	SPICE Class Overview
CHA	4	0	13:20	Tutorials purpose and scope
CHA	7	0	13:20	Tutorials Introduction
CHA	7	0	13:20	Motivation for Development of SPICE
Chuck Acton	32	40	13:20	SPICE overview
Nat Bachman	34	40	14:00	Basic concepts (of observation geometry, regardless of SPICE)
		15	14:40	Break
Ed Wright	23	25	14:55	Intro to kernel files
Chuck Acton	6	10	15:20	Metadata in SPICE kernels
Nat Bachman	13	20	15:30	Porting Kernels
Ed Wright	28	30	15:50	Intro to Toolkit: libraries, utilities, applications, documentation
Chuck Acton	13	15	16:20	SPICE conventions
Ed Wright	9	20	16:35	Time: systems, formats and conversions
Ed Wright	13	15	16:55	LSK and SCLK (Leapseconds and Spacecraft Clock kernels)
			17:10	End of Day
Presenter	Pages	Length	Time	DAY 2: SPICE Tutorials
Nat Bachman	45	55	9:00	SPK (Ephemeris information)
Chuck Acton	27	30	9:55	CK (Orientation information)
Nat Bachman	16	15	10:25	PcK (Planetary cartographic and physical constants)
Ed Wright	26	20	10:40	IK (Instrument information)
		15	11:00	Break
Ed Wright	11	15	11:15	FK (Reference frames information)
Ed Wright	8	15	11:30	Using the frames kernel in conjunction with other kernels
Nat Bachman	56	15	11:45	Dynamic frames: how to define many kinds of reference frames
Chuck Acton	25	25	12:00	NAIF IDs and Names
JD	8	0	12:25	Frame and Instrument names and IDs for ESA Missions
		60	12:25	Lunch
Nat Bachman	20	25	13:25	Computing derived quantities
Nat Bachman	21	25	13:50	Other useful SPICELIB/CSPICE functions
Ed Wright	27	35	14:15	Toolkit applications: chronos, spkmerge, mkspk, etc.
Chuck Acton	21	25	14:50	Other tools (not in generic Toolkit)
		15	15:15	Break
Ed Wright	15	35	15:30	IDL interface to CSPICE
Nat Bachman	19	20	16:05	Exception handling
EDW	4	0	16:25	MK (Mission kernel concept)
EDW	8	0	16:25	Installing the Toolkit
CHA	10	0	16:25	SPICE Documentation Taxonomy
NJB	17	0	16:25	Using Module Headers
JD	9	0	16:25	SPICE Production at ESTEC
JD	11	0	16:25	GEOLIB: the concept
JD	9	0	16:25	GEOLIB: how to use it
Chuck Acton	9	15	16:25	Getting Started Using SPICE
Chuck Acton	8	15	16:40	The NAIF Server
EDW	55	0	16:55	Making an SPK file (<i>very brief overview only</i>)
EDW	28	0	16:55	Making a CK file (<i>very brief overview only</i>)
Nat Bachman	11	15	16:55	Event Finding Preview
EDW	9	0	17:10	Plate model (for small irregularly shaped objects)
Nat Bachman	19	0	17:10	JNI SPICE Discussion
			17:10	End of Day

<i>Presenter</i>	<i>Pages</i>	<i>Length</i>	<i>Time</i>	DAY 3: SPICE Programming
Ed Wright	23	35	9:00	IDL programming example
Nat Bachman	26	35	9:35	C programming example
Nat Bachman	25	25	10:10	Fortran programming example
Chuck Acton		5	10:35	Introduction to Hands-on Programming
Ed Wright		10	10:40	Overview of "Other Stuff" lesson
Ed Wright		10	10:50	Overview of "In situ" lesson
Nat Bachman		10	11:00	Overview of "Remote Sensing" lesson
Nat Bachman		10	11:10	Overview of "Events" lesson
		15	11:20	Break
All		90	11:35	Begin work on selected lesson (Remote, In-situ or Events)
		60	13:05	Lunch
All		90	14:05	Continue work on selected lesson.
		15	15:35	Break
All		70	15:50	Continue work on selected lesson.
			17:00	End of Day
<i>Presenter</i>	<i>Pages</i>	<i>Length</i>	<i>Time</i>	DAY 4: SPICE Programming +
Chuck Acton	17	20	9:00	SPICE development plans
All		80	9:20	Start "Other Stuff" lesson
		15	10:40	Break
All		55	10:55	Continue work on selected lesson
Joe Zender		10	11:50	Summary and class feedback
		0	12:00	End of Class
		60	12:00	Lunch
		120	13:00	Possibility for post-class one-on-one discussions...
			15:00	Enough is enough