

# SICS Users Meeting 2009

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- Changes in SICS
- Discussion of temperature driving behaviour
- Account usage
- GTSE

- Internal changes: please make instruments available in time for tests.
- Please provide typical batch files
- New background command: bg
  - bg count monitor 60000
  - a4
  - a4
  - ...
  - Experimental!
- New asynchronous chopper drivers

title	sample	temperature	monitor
SICSonit @ 20K	SICSonit	20	60000
SICSonit @30K	SICSonit	30	100000
title	sampletable	monitor	

Hugosulfid .1%	pos01	60000
Hugosulfid .2%	pos02	60000
Hugosulfid .3 %	pos03	60000

title	lambda	compar	scanvar	start	step	np	preset
NaCl @ 2.5	2.5	cscan	som	10	.2	20	10000
NaCl @ 3.5	3.5	cscan	som	10	.2	20	20000
NaCl @ 4.5	4.5	cscan	som	10	.2	20	30000

title	chi	command
chi =0	0	sscan phi 0 180 360 1000
chi = 5	5	sscan phi 0 180 360 1000
chi =10	10	sscan phi 0 180 360 1000

# Even More Batch Tables

title	chi	batch
chi =0	0	hugo.job
chi = 5	5	leila.job
chi =10	10	complicated.tcl

title	temperature	compar	qh	qk	ql	en	dqh	dqk
CoBR @at 10	10	scqe	1	0	0	0	0	0
CoBR @at 20	20	scqe	1	0	0	0	0	0
CoBR @at 30	10	scqe	0	1	0	.5	0	.05

- SICS Command: `tableexe tablename.csv`
- Currently tables are created in open office, save as csv
- If this is desirable: table editor in GTSE?

- Current situation:
  - run temperature 2.5
  - drive a4 10.
  - Blocks until both a4 and temperature are done
- Options:
  - Treat sample environment differently
  - drive only waits for those motors it has activated



- instrument account: only for starting, stopping SICS, admin work
- instrumentInsg account for user data
- Programs and source code **MUST** go on AFS!
- Binary: `/afs/psi.ch/project/sinq/sl5/stow/your-directory`
- Source: `/afs/psi.ch/project/sinq/sl5/src` or `distsrc`
- Advantages: access everywhere, backup, source access

- To be filled in

- SINQ status in
- Separation of direct instrument access and batch editing
- Table editor?
- Textmode batch file editor with syntax checking against simulation?
- What do you want?