

Sardana Continuous Scan Workshop 2023

SOLARIS Synchrotron



Welcome to Kraków!



Important information

- meeting plan
- coffee breaks - upstairs
- lunch - Oregano bistro
- for wifi - scan QR code



SCAN ME

Gathering point	
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	09:00 - 09:15
Welcome coffee	
	09:15 - 09:45
Opening session	
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	09:45 - 10:00
Sarcana & Continuous Scans - Sarcana framework presentation	Pan Zbigniew Reszela
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	10:00 - 10:30
Sarcana Continuous Scan Challenges	Pan Ondrej Valcokova / In
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	10:30 - 11:00
Bliss Framework Presentation	Pan Mattias Gujwero
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	11:00 - 11:30
Diamond Continuous Scan Approach and Challenges	Pan Tom Cobb
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	11:30 - 12:00
Lunch break	
	12:00 - 13:30
Continuous scans at the chemical crystallography beamline at DESY	Dr Martin Tolkerin
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	13:30 - 14:00
DESY Continuous Scan Approach and Challenges	Pan Tobias Spitzbart
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	14:00 - 14:30
ESRF (Bliss) Continuous Scan Approach and Challenges	Pan Emmanuel Papillon
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	14:30 - 15:00
Coffee break	
	15:00 - 15:30
4th generation Synchrotron needs of continuous scan	Vanessa Da Silva
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	15:30 - 16:00

Flyscan Framework Presentation	Pan Florent Langlois
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	09:00 - 09:30
Soleil (Flyscan) Continuous Scan Approach and Challenges	Pan Florent Langlois
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	09:30 - 10:00
Roadmap, solutions, collaborations brainstorming: Part 1	Pan Michal Piekarski, Zbigniew Reszela
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	10:00 - 11:30
Coffee break	
	11:30 - 12:00
Roadmap, solutions, collaborations brainstorming: Part 2	Pan Michal Piekarski, Zbigniew Reszela
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	12:00 - 13:30
Closing remarks	
Conference hall, ZOOM platform, SOLARIS NSRC, hybrid	13:30 - 13:45
SOLARIS tour	
	13:45 - 14:45

Miro board for voting

DISCUSSION/BRAINSTORMING TOPICS

- Improve support high speed scans
- Allow different synchronization descriptions
- Implement trajectory control using pseudomotors
- Support for multiple capability controllers

- Validate measurement group configuration before step exec.
- Systemize configuration of trigger sequence measurement group configuration
- Measurement group configuration tool with default configurations
- Decouple software synchronized experimental channels
- Add timeout for motion (shorter ending motion)
- Add early timeout for no data
- Add a configuration interface for the master motor
- Report the location of the axis in the machine when a position error is reported
- Report latency time from the trigger to the controller



ADD YOUR TOPICS



VOTE!

DETAILS: [HTTPS://INDICO.SOLARIS.EDU.PL/EVENT/5/](https://indico.solaris.edu.pl/event/5/)

miro

https://miro.com/welcomeonboard/OXZ5cUISQjhmZklpRG9qbEpmTjBSRTFaVGjLTmJloMXgwOWRVeE54UkhINjRoRE5ZdFR6amNUSnRtR2NCUmgwRXwzNDU4NzY0NTYyNzEzNDg1NDYzfDI=?share_link_id=497297637213

Evening activity @ 8 PM



NOWY 
KRAFTOWY

SOMETIMES
YOU EAT THE BAR
SOMETIMES
THE BAR EATS YOU

- Nowy Kraftowy tap bar
- Plac Nowy 8, Kazimierz district
- <https://nowy-kraftowy.ontap.pl/>

Have a nice workshop!

