


Welcome to canSAS XIV

- **Getting started:**
- What IS canSAS?
- Brief history of canSAS
- Role of canSAS workshops
- Do we need another meeting?
- Orientation for today's meeting

Taipei, Taiwan: Nov 3, 2024

canSAS - 2024 

www.cansas.org

canSAS – what is that?

Its all in the name:

Collective Action for Nomadic Small Angle Scatterers

The very first meeting was held in Grenoble France, Feb. 4-6 1998.

The stated purpose was:

To figure out a seamless interchange of reduced data.

NOTE:

- This is not yet about a common data format (that comes later)
- While Action was initially Aid, and the focus rather narrow (data), the DNA is set already for ***advancing SAS through community action***

⓪ = Discussion item

canSAS - a brief history



- Brookhaven at SAS 99 - Useful discussion but not conducive to get work done
- Grenoble May 2001 – “Aid” → “Action”. Import of other issues discussed.
- RAL May 2004 – Significantly expand beyond format and software.
- NIST Oct 2007 – Working Groups created to achieve “action”
- Oxford - SAS 2009 – Afternoon session presentations and discussion
- Uppsala July 2012 – Small working meeting – significant progress on “action”
(Discussion at lunch of SAS 2012 in Sydney)
- Tokai April 2015 – GISAS, NXcanSAS and agree to regular triennial meetings
(Discussion at lunch at SAS 2015 in Berlin)
- Berkeley, June 5-7, 2017. “legacy” code repo and discuss database needs
- Traverse City – SAS 2018 - Sunday all day session presentations and discussion
- Freising, July 8-10 2019 – discussed going to biennial meetings
- *The Pandemic happened* (one virtual WG meeting)
- Campenas - SAS2022 – split (morn + evening) discussion hybrid session.
- Grenoble October 16-18 2023 – 25th Anniversary!
- Taipei – SAS2024

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canSAS: who/what is it?

Purpose and Goals

An agile “organization” that continually evolves?



A self assembled (grass roots) group of SAS practitioners, users and facility people, who come together to:

- Share and learn about emerging opportunities and new developments in the field and challenges that they pose.
- Build new collaborations
- Work co-operatively to improve the field for all by:
 - Helping to develop and disseminate best practices
 - Identifying emerging & problem areas and the needs associated with them
 - Improving the state of the art by identifying and providing solutions to the challenges
 - Fostering/Encouraging/Building common “tools” and “language” for SAS practitioners.

canSAS: why “yet another meeting/workshop”

Role of canSAS workshops

Strong overlap with SAS meetings but fulfils different role

It's in the name

- Presentations – looking beyond the “typical data set” from the “world’s best” instrument.
 - New directions and opportunities
 - But also -- challenges

You can learn a lot more from failure than success

- Workshops aim to maximize interactions between participants with informal and in-depth discussions
- Workshops provide an opportunity to find some realistic practical solutions that can be worked on NOW.

canSAS: current status

- Web page at www.cansas.org
- Community wiki at wiki.cansas.org
- SAS Portal at www.smallangle.org
- Several Round Robins directly and indirectly
- Glassy Carbon available as an SRM
- Github scattering-central created for legacy codes
- 1D format approved May 2009 (1.0) and 2013 (1.1)
- nD ratified by NeXus Inter. Adv. Comm. End of 2016
- IGOR working group resolved conflicts and was sunsetted Apr 2015
- Four new working group since 2015 - new direction
 - Grazing incidence 2015 (Tokei)
 - SE and TOF-SANS 2019 (Freising)
 - Tomography 2022

canSAS: Working Groups

Working groups (WG) do the actual work (it is in the name)

- New ones can be formed and obsolete ones sunseted

Note: some WG also provide structure/tools for others (e.g. Data Formats, Reproducibility and Reliability and Information and Dissemination)

canSAS provide the forum to connect people wishing to address community issues

- canSAS meetings should be participatory
- Don't be shy to share issues or ideas for the community
- Volunteer to contribute to those areas you see as important

canSAS IX : Meeting Orientation

Morning is for Working Groups

- Working group presentations are short so only clarifying questions
- After every 4 WG presentations will be the full discussion period

Lunch discussion

- To include next standalone meeting, meeting frequency etc

Afternoon is for 3 key topics for discussion

- Each topical presentation should have time for discussion at the end.
- That will be followed by a 20 min general discussion where overlap and interrelations between the topics can be further discussed

Final discussion

- To include possible action items, volunteers, new groups? etc

1998



2001



2022



2004



2012



2019



2015

Welcome to canSAS 2024

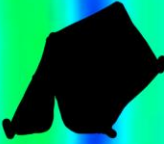
I leave you with two words

(it's in the name)

- Collective (“we”)
- Action

Questions and Discussion?

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