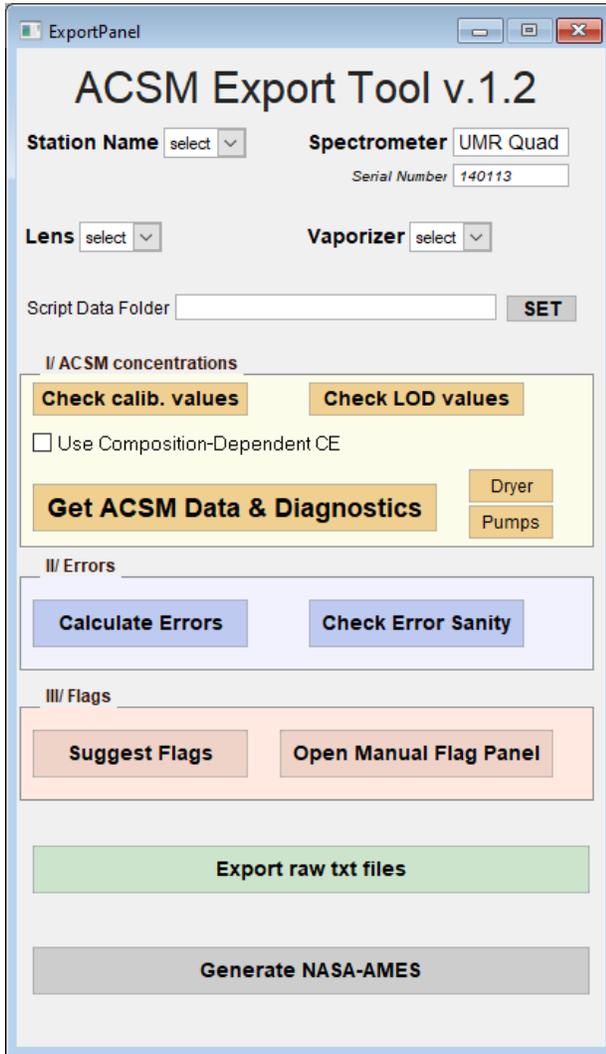


# Next ACSM Submission Workshop

22-23 March 2023

Paris, France

# Quad-ACSM



- Bug fixes from last workshop
- Plenty of new features (suggested from users)

To be done until workshop :

- Upcoming meeting with NILU to avoid errors on EBAS ST
- Update manual

# Quad-ACSM

The screenshot shows the 'ExportPanel' window for 'ACSM Export Tool v.1.2'. It features several input fields and buttons:

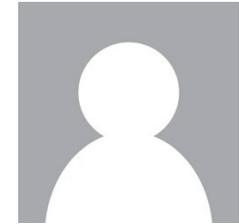
- Station Name:** A dropdown menu currently showing 'select'.
- Spectrometer:** A text field containing 'UMR Quad'.
- Serial Number:** A text field containing '140113'.
- Lens:** A dropdown menu currently showing 'select'.
- Vaporizer:** A dropdown menu currently showing 'select'.
- Script Data Folder:** An empty text field with a 'SET' button to its right.
- I/ ACSM concentrations:** A section containing:
  - 'Check calib. values' and 'Check LOD values' buttons.
  - An unchecked checkbox for 'Use Composition-Dependent CE'.
  - 'Get ACSM Data & Diagnostics' button.
  - 'Dryer' and 'Pumps' buttons.
- II/ Errors:** A section containing:
  - 'Calculate Errors' and 'Check Error Sanity' buttons.
- III/ Flags:** A section containing:
  - 'Suggest Flags' and 'Open Manual Flag Panel' buttons.
- A large green button labeled 'Export raw txt files'.
- A large grey button labeled 'Generate NASA-AMES'.



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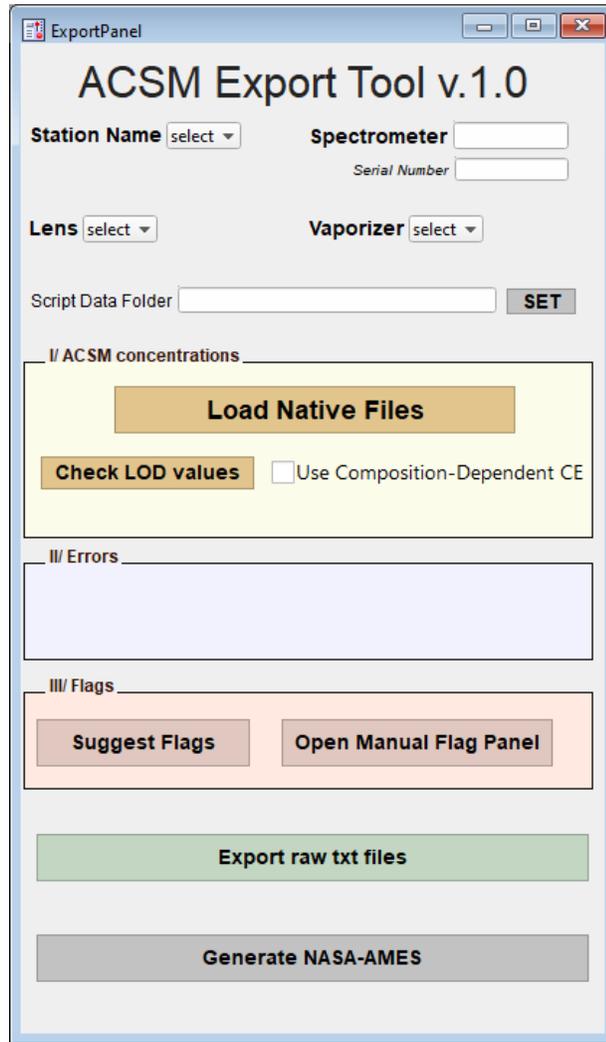
[varun.kumar@ineris.fr](mailto:varun.kumar@ineris.fr)

[nicolas.pascal@univ-lille.fr](mailto:nicolas.pascal@univ-lille.fr)

Need of 1-2 volunteers for beta-testing

Email us !

# ToF-ACSM



ExportPanel

## ACSM Export Tool v.1.0

Station Name  Spectrometer

Serial Number

Lens  Vaporizer

Script Data Folder  SET

I/ ACSM concentrations

Load Native Files

Check LOD values  Use Composition-Dependent CE

II/ Errors

III/ Flags

Suggest Flags Open Manual Flag Panel

Export raw txt files

Generate NASA-AMES

- Brand new (simplified) procedure (under development)
- User-friendly manipulation of native files
- Automatic QA/QC & user-friendly flagging system

To be done until workshop :

- Define L0 & L1 template
- Auto. QA/QC
- Update codes & manual

# ToF-ACSM

The screenshot shows the 'ExportPanel' window for 'ACSM Export Tool v.1.0'. It features several input fields and buttons:

- Station Name**: A dropdown menu with 'select' text.
- Spectrometer**: A text input field with a 'Serial Number' label below it.
- Lens**: A dropdown menu with 'select' text.
- Vaporizer**: A dropdown menu with 'select' text.
- Script Data Folder**: A text input field with a 'SET' button to its right.
- I/ ACSM concentrations**: A section containing a 'Load Native Files' button, a 'Check LOD values' button, and a checkbox labeled 'Use Composition-Dependent CE'.
- III/ Errors**: An empty rectangular area for displaying error messages.
- III/ Flags**: A section containing 'Suggest Flags' and 'Open Manual Flag Panel' buttons.
- Export raw txt files**: A large green button.
- Generate NASA-AMES**: A large grey button.



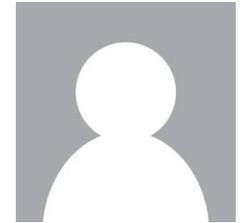
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# Workshop

- March 22 : Q-ACSM  
objective : generate & submit L0, L1, L2 data
- March 23 : ToF-ACSM  
objective : generate & submit at least L2 data
  
- Individual support until May 31st, but participation to the workshop is required !!!
  
- Application on [ecac-actris.eu](http://ecac-actris.eu)