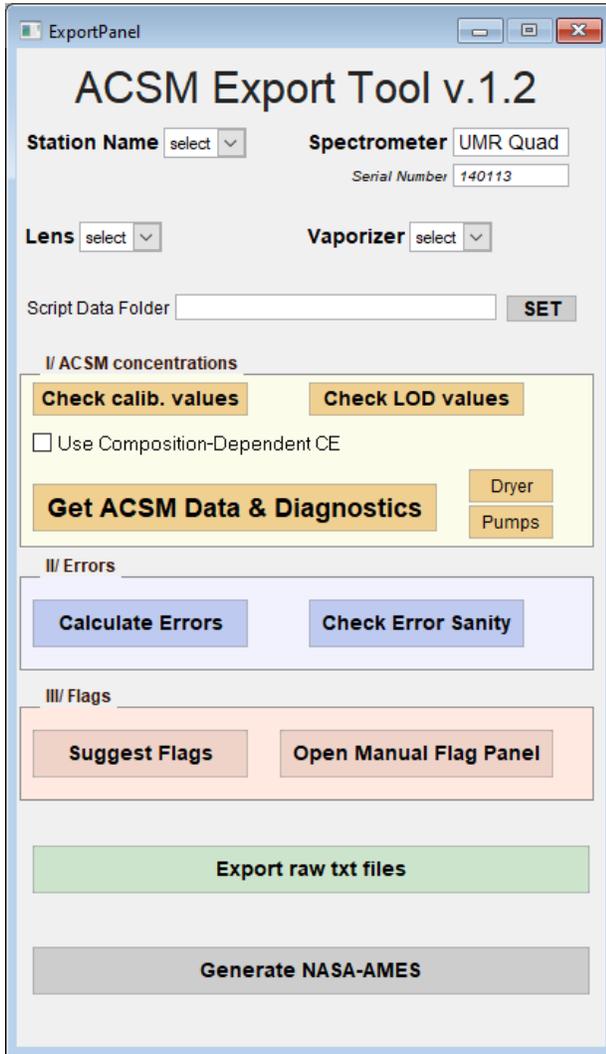


# Next ACSM Submission Workshop

22-23 March 2023

Paris, France

# Quad-ACSM



ExportPanel

## ACSM Export Tool v.1.2

Station Name  Spectrometer   
Serial Number

Lens  Vaporizer

Script Data Folder  **SET**

**I/ ACSM concentrations**

**Check calib. values** **Check LOD values**

Use Composition-Dependent CE

**Get ACSM Data & Diagnostics**

**II/ Errors**

**III/ Flags**

- 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

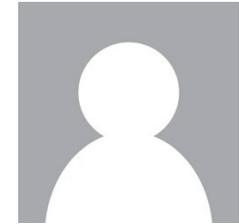
The screenshot shows the 'ExportPanel' window for 'ACSM Export Tool v.1.2'. It features several input fields and buttons for configuring data export. The 'Station Name' is a dropdown menu, 'Spectrometer' is set to 'UMR Quad' with a 'Serial Number' of '140113'. There are also dropdowns for 'Lens' and 'Vaporizer'. A 'Script Data Folder' field is followed by a 'SET' button. The interface is divided into sections: 'I/ ACSM concentrations' with buttons for 'Check calib. values', 'Check LOD values', and 'Get ACSM Data & Diagnostics', plus a checkbox for 'Use Composition-Dependent CE' and buttons for 'Dryer' and 'Pumps'; 'II/ Errors' with 'Calculate Errors' and 'Check Error Sanity' buttons; and 'III/ Flags' with 'Suggest Flags' and 'Open Manual Flag Panel' buttons. At the bottom, there are two large buttons: 'Export raw txt files' (green) and 'Generate NASA-AMES' (grey).



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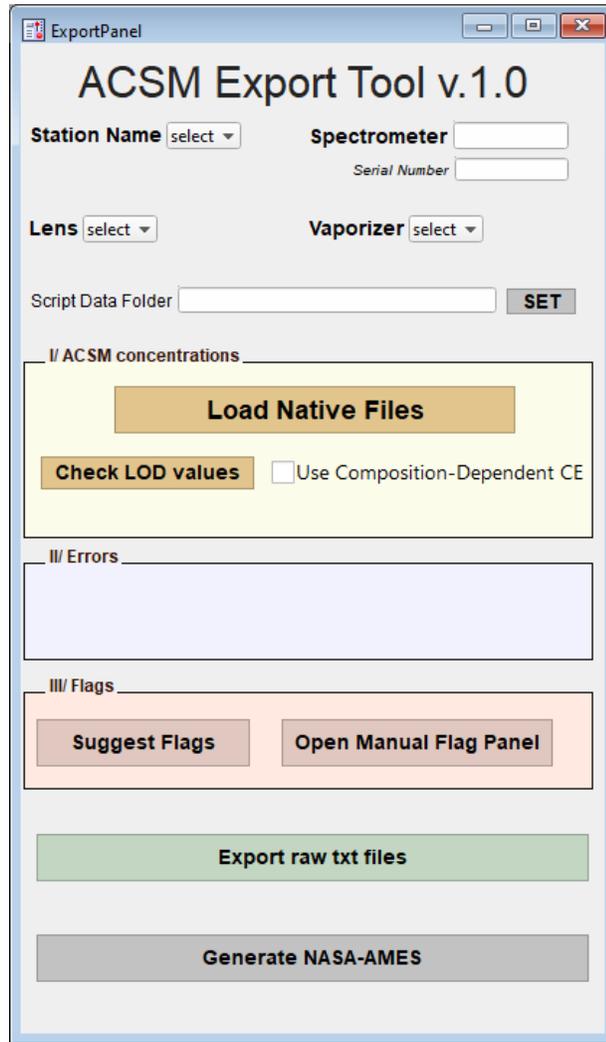
[varun.kumar@ineris.fr](mailto:varun.kumar@ineris.fr)

[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 errors.
- 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.



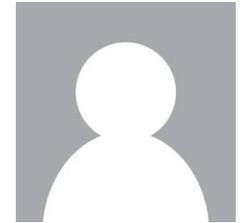
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# Workshop

- 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)