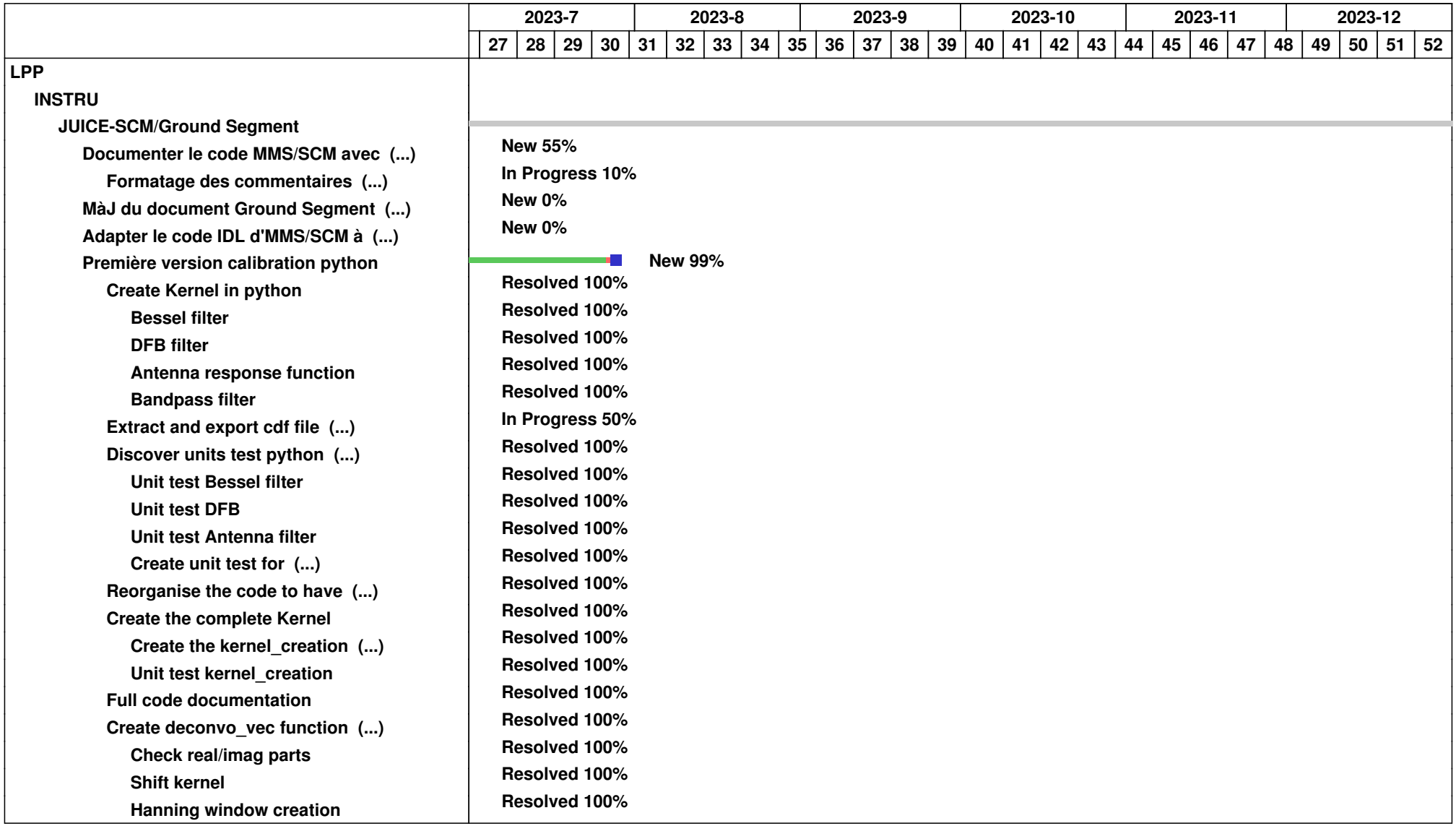
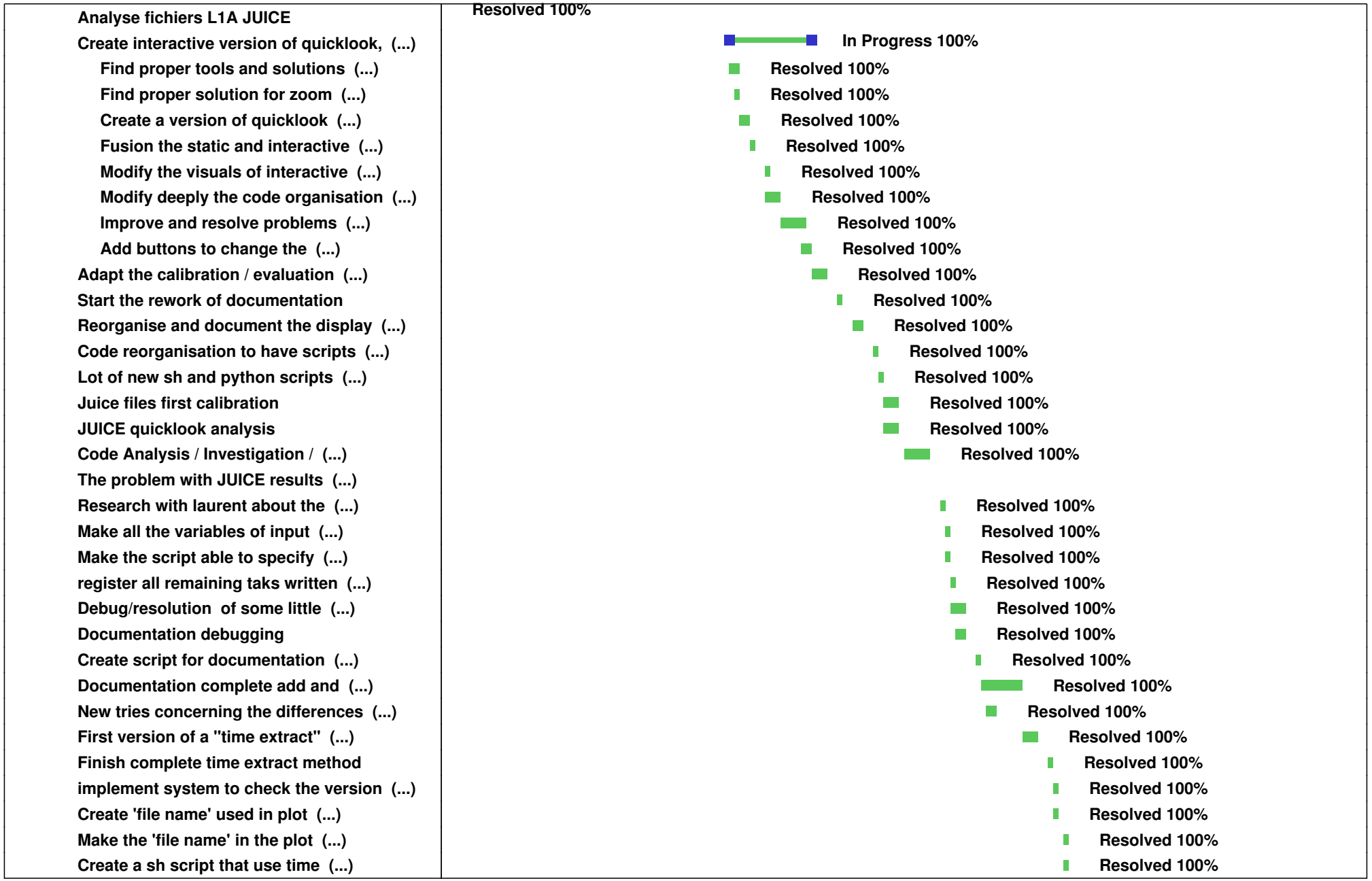
JUICE-SCM/Ground Segment



Coscub window creation	Resolved 100%
Gaussian window creation	Resolved 100%
Trapezoid window creation	Resolved 100%
Unit test deconvo vec (...)	Resolved 100%
Correct the documentation (...)	Resolved 100%
deconvo_vec convolution part	Resolved 100%
Implement graphical comparison (...)	Resolved 100%
Implement blk_con IDL function	Resolved 100%
Create Calibrate CDF function	In Progress 100%
Implement the blocks (...)	Resolved 100%
Implement the cdf writing (...)	Resolved 100%
Implement function that compare (...)	Resolved 100%
General class to compare waveforms, (...)	Resolved 100%
Obtain good result in the (...)	Resolved 100%
Implementation of ConfigHandler (...)	Resolved 100%
Implement function that compute (...)	Resolved 100%
Implement a simple spectrogram (...)	Resolved 100%
Create function that plot (...)	Resolved 100%
Create Function that compare (...)	Resolved 100%
Find why the computed spectrum (...)	Resolved 100%
Make documentation of all (...)	Resolved 100%
Reorganise and simplify spectra (...)	Resolved 100%
Investigate why results are (...)	Resolved 100%
Spectra densities computation	Resolved 100%
Spectra densities plot and (...)	Resolved 100%
Completely change ConfigHandler (...)	Resolved 100%
ConfigHandler modularity implementation	In Progress 100%
Global attributes and (...)	Resolved 100%
default / current / limits (...)	Resolved 100%
Make class for deduce (...)	Resolved 100%
kernel_creation.py reworked (...)	Resolved 100%
Implement system of class (...)	Resolved 100%
Spectra powers computation	Resolved 100%
Spectra powers plot / comparison	Resolved 100%

Quicklook computation / plot	Resolved 100%
Config Handler and config (...)	Resolved 100%
Modularisation of calibrate (...)	Resolved 100%
Create functional Diagram (...)	Resolved 100%
Sphinx documentation with (...)	Resolved 100%
Sphinx documentation with (...)	Resolved 100%
Sphinx documentation with (...)	Resolved 100%
Rewrite the readme with a (...)	Resolved 100%
Add freq samp deducing function (...)	Resolved 100%
Reorganise functions (kernel (...)	Resolved 100%
Adapt the code to use SCHB (...)	Resolved 100%
Adapt the code to have correct (...)	Resolved 100%
Add documentation on all code (...)	Resolved 100%
Make correct and complete (...)	Resolved 100%
Resolve problems with epochs	Resolved 100%
Create script with inline (...)	Resolved 100%
Modify config handler (config (...)	Resolved 100%
Make inline arguments gestion (...)	Resolved 100%
Resolve plenty of problems (...)	Resolved 100%
Implement a first bash script, (...)	Resolved 100%
Resolve problems with venv (...)	Resolved 100%
Make the cdf data extraction (...)	Resolved 100%
Adapt the matlab code for (...)	Resolved 100%
Produce a waveform plot of (...)	Resolved 100%
Take the python code of David (...)	Resolved 100%
Resolve the problem with epochs (...)	Resolved 100%
Create generic log printer (...)	Resolved 100%
Add systematical logs for (...)	Resolved 100%
Modify the extract data/ epoch (...)	Resolved 100%
Reorganisation of kernel construction	Resolved 100%
Add systematical logs for (...)	Resolved 100%
Create and improve the scripts (...)	Resolved 100%
Fourier transform (and inverse (...)	Resolved 100%
Write installation notice	Resolved 100%


Analyse fichiers L1A JUICE
Resolved 100%
Create interactive version of quicklook, (...)
In Progress 100%
Find proper tools and solutions (...)
Resolved 100%
Find proper solution for zoom (...)
Resolved 100%
Create a version of quicklook (...)
Resolved 100%
Fusion the static and interactive (...)
Resolved 100%
Modify the visuals of interactive (...)
Resolved 100%
Modify deeply the code organisation (...)
Resolved 100%
Improve and resolve problems (...)
Resolved 100%
Add buttons to change the (...)
Resolved 100%
Adapt the calibration / evaluation (...)
Resolved 100%
Start the rework of documentation
Resolved 100%
Reorganise and document the display (...)
Resolved 100%
Code reorganisation to have scripts (...)
Resolved 100%
Lot of new sh and python scripts (...)
Resolved 100%
Juice files first calibration
Resolved 100%
JUICE quicklook analysis
Resolved 100%
Code Analysis / Investigation / (...)
Resolved 100%
The problem with JUICE results (...)
Research with laurent about the (...)
Resolved 100%
Make all the variables of input (...)
Resolved 100%
Make the script able to specify (...)
Resolved 100%
register all remaining taks written (...)
Resolved 100%
Debug/resolution of some little (...)
Resolved 100%
Documentation debugging
Resolved 100%
Create script for documentation (...)
Resolved 100%
Documentation complete add and (...)
Resolved 100%
New tries concerning the differences (...)
Resolved 100%
First version of a "time extract" (...)
Resolved 100%
Finish complete time extract method
Resolved 100%
implement system to check the version (...)
Resolved 100%
Create 'file name' used in plot (...)
Resolved 100%
Make the 'file name' in the plot (...)
Resolved 100%
Create a sh script that use time (...)
Resolved 100%

Modify the extract argvs and env (...)		Resolved 100%
Modify the extract_cdf methods (...)		Resolved 100%
Make all the python and sh scripts (...)		Resolved 100%
Create a GUI for selection of a (...)		Resolved 100%
Find the problem of difference (...)		Resolved 100%
Make the GUI able to select what (...)		Resolved 100%
Advances in the comparison between (...)		Resolved 100%
Reorganisation of the python scripts (...)		Resolved 100%
Make the GUI a general tool, replacing (...)		Resolved 100%
Update documentation for time/solo (...)		Resolved 100%
Add a check if we don't find cdfs (...)		Resolved 100%
Find the cdfs with temperature (...)		Resolved 100%
Modify the data extraction method (...)		Resolved 100%
Modify the evaluation part (creation (...)		Resolved 100%
Improvements and bug resolve for (...)		Resolved 100%
Professional training about the (...)		Resolved 100%
Change the code from pyenv environnement (...)		Resolved 100%
Software exploration for documentation (...)		Resolved 100%
Documentation improvements following (...)		Resolved 100%
Documentation update, especially (...)		Resolved 100%
Bug solving for spectrum computation (...)		Resolved 100%
Gathering and analysis of all remaining (...)	Resolved 100%	
Discovering of the Ruff linter (...)	Resolved 100%	
Creation of a ruff pre commit hook	Resolved 100%	
Add documentation handle in pre (...)	Resolved 100%	
Discover of pytest and add to pre (...)	Resolved 100%	
Add multiple pytests (init, extract, (...)	Resolved 100%	
Add a system that allows to handle (...)	Resolved 100%	
Research for a method to easily (...)	Resolved 100%	
Creation of a visual documentation (...)	In Progress 100%	
Make the writing and initialization (...)	Resolved 100%	
Create pdf user documentation (Three (...)	Resolved 100%	
Test the different SID, gather (...)	Resolved 100%	
Update sphinx documentation for (...)	Resolved 100%	

Modify the code to be coherent (...)	**Resolved 100%**
Bug with MMS files now that the (...)	**Resolved 100%**
Add of some modularisation in parameters	**Resolved 100%**
Creation of a table documenting (...)	**Resolved 100%**
Improve and simplify some parameters (...)	**Resolved 100%**
Clean and simplify the config files	**Resolved 100%**
Change the way the datetimes are (...)	**Resolved 100%**
Find how to force the documentation (...)	**Resolved 100%**
Improve the GUI by adding a embedded (...)	**Resolved 100%**
Develop a little code that for (...)	**Resolved 100%**
Generate a directory with quicklooks (...)	**Resolved 100%**
Resolve the problem concerning (...)	**Resolved 100%**
Resolve the problem concerning (...)	**Resolved 100%**
Research to find a standardisation (...)	**Resolved 100%**
Implement a logging code levels (...)	**Resolved 100%**
Reshape the write log part, with (...)	**Resolved 100%**
Search different support data (temperatures, (...)	**Resolved 100%**
Test the extract of temperatures (...)	**Resolved 100%**
major change : all the extracted (...)	**Resolved 100%**
Complete reshape of the method (...)	**Resolved 100%**
Add the temperature waveform to (...)	**Resolved 100%**
Create new file prepare_data_for_plot (...)	**Resolved 100%**
Produce and test the creation of (...)	**Resolved 100%**
Meeting with Alessandro on the (...)	**Resolved 100%**
Resolve massive problem of performance (...)	**Resolved 100%**
Benchmarking of the code execution (...)	**Resolved 100%**
Annual Report writing	**Resolved 100%**