

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4285	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Bug with MMS files now that the code has been changed a lot	Theo Stassen	09/02/2024 06:55 PM
4237	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Modify the evaluation part (creation of spectrum and densities, display, plot) + configuration to plot different cdf data (temp for ex)	Theo Stassen	28/11/2023 07:02 PM
4222	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Make the GUI able to select what we want to plot + put default times	Theo Stassen	13/11/2023 06:52 PM
4213	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Make the 'file name' in the plot readable (using of multiple lines)	Theo Stassen	06/11/2023 12:02 PM
4195	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Documentation debugging	Theo Stassen	17/10/2023 04:45 PM
4194	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Debug/resolution of some little remaining tasks registered	Theo Stassen	17/10/2023 04:43 PM
4188	JUICE-SCM/Ground Segment	Bug	In Progress	Normal	The problem with JUICE results is not resolved	Theo Stassen	06/10/2023 06:16 PM
4184	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Start the rework of documentation	Theo Stassen	29/09/2023 06:52 PM
4183	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Reorganise and document the display data part	Theo Stassen	29/09/2023 06:50 PM
4182	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Lot of new sh and python scripts added, around calibration and display data	Theo Stassen	29/09/2023 06:48 PM
4131	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Resolve problems with venv / conda conflict on local machine	Theo Stassen	03/07/2023 04:56 PM
4123	JUICE-SCM/Ground Segment	Bug	Resolved	Normal	Resolve problems with epochs	Theo Stassen	23/06/2023 11:58 AM
4329	JUICE-SCM/Ground Segment	Feature	Resolved	Normal	Implement a logging code levels system	Theo Stassen	21/03/2024 02:58 PM
4236	JUICE-SCM/Ground Segment	Feature	Resolved	Normal	Modify the data extraction method to allow the extract of completely different cdfs (temp for ex)	Theo Stassen	28/11/2023 06:58 PM
4083	JUICE-SCM/Ground Segment	Feature	Resolved	Normal	Make documentation of all important implemented functions (concerning spectra and waveform manipulation)	Theo Stassen	05/05/2023 06:35 PM
4080	JUICE-SCM/Ground Segment	Feature	Resolved	Normal	Write installation notice	Theo Stassen	26/04/2023 05:46 PM
4207	JUICE-SCM/Ground Segment	Support	Resolved	Normal	New tries concerning the differences between python and matlab results	Theo Stassen	27/10/2023 05:43 PM
4197	JUICE-SCM/Ground Segment	Support	Resolved	Normal	Research with laurent about the difference of code results and experimentations	Theo Stassen	17/10/2023 04:50 PM
4084	JUICE-SCM/Ground Segment	Support	Resolved	Normal	Investigate why results are in general better for antenna x than y and z	Theo Stassen	05/05/2023 06:37 PM
4082	JUICE-SCM/Ground Segment	Support	Resolved	Normal	Find why the computed spectrum is very different of ref, only for antenna y and z, probably a bug	Theo Stassen	05/05/2023 06:32 PM
4365	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Annual Report writing	Theo Stassen	23/04/2024 03:24 PM
4364	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Benchmarking of the code execution for really big files	Theo Stassen	23/04/2024 03:22 PM
4363	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Resolve massive problem of performance for SID 2 long files calibration and plot code	Theo Stassen	23/04/2024 03:22 PM
4362	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Meeting with Alessandro on the calibration results	Theo Stassen	23/04/2024 03:18 PM
4361	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Produce and test the creation of big quicklooks with calibrated data	Theo Stassen	23/04/2024 03:18 PM
4360	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create new file prepare_data_for_plot which will handle completely the preparation of data before plotting	Theo Stassen	23/04/2024 03:16 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4347	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add the temperature waveform to plot_data, as part of the default quicklook plot	Theo Stassen	08/04/2024 04:49 PM
4346	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Complete reshape of the method to give and prepare data for plot data	Theo Stassen	08/04/2024 04:43 PM
4345	JUICE-SCM/Ground Segment	Task	Resolved	Normal	major change : all the extracted content is now in a dict "input_content"	Theo Stassen	08/04/2024 04:34 PM
4344	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Test the extract of temperatures data	Theo Stassen	08/04/2024 04:32 PM
4343	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Search different support data (temperatures, reaction wheels, etc)	Theo Stassen	08/04/2024 04:31 PM
4328	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Research to find a standardisation system for logging, and experiments	Theo Stassen	21/03/2024 03:01 PM
4330	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Reshape the write log part, with traceback printing, with log name gestion, log message levels, log level variable, etc	Theo Stassen	21/03/2024 03:00 PM
4327	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Resolve the problem concerning SID3 2024 extraction	Theo Stassen	21/03/2024 02:37 PM
4326	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Resolve the problem concerning cdfs epoch extraction for 2024	Theo Stassen	21/03/2024 02:36 PM
4325	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Generate a directory with quicklooks of all cdfs from 2023/2024	Theo Stassen	21/03/2024 12:47 PM
4311	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Develop a little code that for all cdfs in one dir, make a table summarizing their content and quicklook them	Theo Stassen	23/02/2024 07:00 PM
4310	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Improve the GUI by adding a embedded window containing the print content	Theo Stassen	23/02/2024 06:57 PM
4309	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Find how to force the documentation to trigger error even for warnings	Theo Stassen	23/02/2024 06:56 PM
4308	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Change the way the datetimes are corrected	Theo Stassen	23/02/2024 06:55 PM
4307	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Clean and simplify the config files	Theo Stassen	23/02/2024 06:54 PM
4306	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Improve and simplify some parameters calls and use	Theo Stassen	23/02/2024 06:53 PM
4305	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Creation of a table documenting all parameters that can be set by the user, with default value and location	Theo Stassen	23/02/2024 06:52 PM
4287	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add of some modularisation in parameters	Theo Stassen	23/02/2024 06:51 PM
4286	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Update sphinx documentation for the new code organisation + modifications done when doing the pdf doc	Theo Stassen	09/02/2024 06:56 PM
4284	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modify the code to be coherent in physical units	Theo Stassen	09/02/2024 06:53 PM
4283	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Test the different SID, gather infos from the test, and cross infos with LFR manual	Theo Stassen	09/02/2024 06:51 PM
4282	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create pdf user documentation (Three first iterations)	Theo Stassen	09/02/2024 06:49 PM
4267	JUICE-SCM/Ground Segment	Task	In Progress	Normal	Creation of a visual documentation of the code	Theo Stassen	09/02/2024 06:47 PM
4268	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make the writing and initialization parts separated from the others	Theo Stassen	19/01/2024 07:06 PM
4266	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Research for a method to easily and beautifully document visually the code structure	Theo Stassen	19/01/2024 07:02 PM
4265	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add a system that allows to handle data without the need to compute their spectra	Theo Stassen	19/01/2024 07:00 PM
4262	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add multiple pytests (init, extract, display)	Theo Stassen	12/01/2024 06:46 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4261	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Discover of pytest and add to pre commit hooks	Theo Stassen	12/01/2024 06:46 PM
4260	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add documentation handle in pre commit hooks	Theo Stassen	12/01/2024 06:45 PM
4258	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Creation of a ruff pre commit hook	Theo Stassen	12/01/2024 06:44 PM
4257	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Discovering of the Ruff linter and formatter+ experiments	Theo Stassen	09/01/2024 06:38 PM
4256	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Gathering and analysis of all remaining open tasks	Theo Stassen	09/01/2024 06:37 PM
4245	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Change the code from pyenv environnement to poetry environment	Theo Stassen	06/12/2023 02:23 PM
4244	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Bug solving for spectrum computation problems	Theo Stassen	06/12/2023 02:20 PM
4243	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Documentation update, especially following the reorganisation of the python script use and the rework of the doc root	Theo Stassen	06/12/2023 02:19 PM
4242	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Documentation improvements following the professional training	Theo Stassen	06/12/2023 02:18 PM
4241	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Software exploration for documentation tools following the professional training.	Theo Stassen	06/12/2023 02:17 PM
4240	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Professional training about the distribution (and learn of automatisisation tools) of python application	Theo Stassen	06/12/2023 02:17 PM
4239	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Improvements and bug resolve for temperature spectrum computing and plots	Theo Stassen	06/12/2023 02:15 PM
4235	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Find the cdfs with temperature data in it and test to extract them	Theo Stassen	28/11/2023 06:56 PM
4230	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add a check if we don't find cdfs in the time limits and stop the execution	Theo Stassen	21/11/2023 06:51 PM
4229	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Update documentation for time/solo extract	Theo Stassen	21/11/2023 06:50 PM
4228	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make the GUI a general tool, replacing the interact interface	Theo Stassen	17/11/2023 07:01 PM
4227	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Reorganisation of the python scripts for modularisation	Theo Stassen	17/11/2023 06:57 PM
4226	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Advances in the comparison between Matlab and python results	Theo Stassen	17/11/2023 06:54 PM
4223	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Find the problem of difference between matlab and python code	Theo Stassen	13/11/2023 06:54 PM
4221	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create a GUI for selection of a range of time to plot	Theo Stassen	13/11/2023 06:50 PM
4218	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make all the python and sh scripts using freely multiple or solo extract method	Theo Stassen	07/11/2023 06:38 PM
4216	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modify the extract argvs and env var method to handle solo and multiple extract in one time	Theo Stassen	06/11/2023 12:12 PM
4215	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modify the extract_cdf methods to have a merge between extract and time extract	Theo Stassen	06/11/2023 12:05 PM
4214	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create a sh script that use time extract, by specifying a time limits and a cdfs dir	Theo Stassen	06/11/2023 12:03 PM
4212	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create 'file name' used in plot resulting of the merge of multiple cdf files	Theo Stassen	06/11/2023 12:01 PM
4211	JUICE-SCM/Ground Segment	Task	Resolved	Normal	implement system to check the version of cdf files and take the chosen version of cdfs when doing time extract	Theo Stassen	06/11/2023 11:59 AM
4210	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Finish complete time extract method	Theo Stassen	06/11/2023 11:57 AM

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4208	JUICE-SCM/Ground Segment	Task	Resolved	Normal	First version of a "time extract" method	Theo Stassen	27/10/2023 05:44 PM
4206	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Documentation complete add and upgrade	Theo Stassen	27/10/2023 05:43 PM
4196	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create script for documentation generation (cleaning/creation/show)	Theo Stassen	17/10/2023 04:48 PM
4193	JUICE-SCM/Ground Segment	Task	Resolved	Normal	register all remaining taks written these last month in a summary document	Theo Stassen	17/10/2023 04:44 PM
4191	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make the script able to specify freely custom values of any parameters	Theo Stassen	10/10/2023 06:56 PM
4190	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make all the variables of input cdf be in output cdf	Theo Stassen	10/10/2023 06:55 PM
4187	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Code Analysis / Investigation / Tests / Experiments in order to have same spectra densities results than matlab code	Theo Stassen	06/10/2023 06:15 PM
4179	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Juice files first calibration	Theo Stassen	29/09/2023 06:47 PM
4181	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Code reorganisation to have scripts separately + debugging	Theo Stassen	29/09/2023 06:47 PM
4180	JUICE-SCM/Ground Segment	Task	Resolved	Normal	JUICE quicklook analysis	Theo Stassen	29/09/2023 06:45 PM
4172	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Adapt the calibration / evaluation code to allow JUICE files	Theo Stassen	18/09/2023 02:07 PM
4171	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add buttons to change the content struct	Theo Stassen	18/09/2023 02:02 PM
4157	JUICE-SCM/Ground Segment	Task	In Progress	Normal	Create interactive version of quicklook, to analyse cdf data	Theo Stassen	18/09/2023 02:02 PM
4168	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Improve and resolve problems / bugs concerning interactive plots	Theo Stassen	18/09/2023 01:55 PM
4165	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modify deeply the code organisation to have separate part for compare cdfs / interactive plot and one function (plot data) for all plots	Theo Stassen	08/09/2023 06:51 PM
4164	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modify the visuals of interactive and static quicklook to be more modular	Theo Stassen	05/09/2023 06:38 PM
4163	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Fusion the static and interactive quicklooks by using same plot functions (same fig/axis handle) -> make it modular	Theo Stassen	05/09/2023 06:36 PM
4160	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create a version of quicklook with some parameter buttons that modify spectra	Theo Stassen	31/08/2023 06:29 PM
4159	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Find proper solution for zoom / move of data	Theo Stassen	31/08/2023 06:28 PM
4158	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Find proper tools and solutions fo allow data refresh in quicklook	Theo Stassen	31/08/2023 06:24 PM
4155	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create and improve the scripts to have 3 fully independent and functional scripts	Theo Stassen	28/07/2023 07:02 PM
4024	JUICE-SCM/Ground Segment	Task	New	Normal	Première version calibration python	Theo Stassen	28/07/2023 07:02 PM
4154	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add systematical logs for each steps (with error excepts, errors, warnings, infos) in evaluation part and the rest	Theo Stassen	28/07/2023 07:00 PM
4151	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Reorganisation of kernel construction	Theo Stassen	21/07/2023 06:56 PM
4150	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modify the extract data/ epoch part to handle JUICE SID 1/2/3/7 separately	Theo Stassen	21/07/2023 06:52 PM
4149	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add systematical logs for each steps (with error excepts, errors, warnings, infos) in calibration part	Theo Stassen	21/07/2023 06:51 PM
4145	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create generic log printer (for log file and/or terminal)	Theo Stassen	17/07/2023 11:03 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4140	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Resolve the problem with epochs to be able to quicklook data	Theo Stassen	10/07/2023 04:56 PM
4139	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Take the python code of David Pisa instead of Matlab code	Theo Stassen	10/07/2023 04:52 PM
4138	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Produce a waveform plot of JUICE data using code based on matlab code	Theo Stassen	10/07/2023 04:49 PM
4133	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Adapt the matlab code for cdf data extraction (JUICE sid7)	Theo Stassen	10/07/2023 04:46 PM
4132	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make the cdf data extraction modular to prepare the different extraction needed	Theo Stassen	03/07/2023 04:52 PM
4130	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement a first bash script, with auto venv use	Theo Stassen	03/07/2023 04:49 PM
4129	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Resolve plenty of problems concerning configHandler	Theo Stassen	03/07/2023 04:48 PM
4126	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modify config handler (config file gestion) and adapt to the new config handler use in every functions	Theo Stassen	27/06/2023 11:50 AM
4125	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make inline arguments gestion modular, in separate function, to use it in all scripts	Theo Stassen	27/06/2023 11:45 AM
4124	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create script with inline inputs, for calibrate and quicklook	Theo Stassen	23/06/2023 12:02 PM
4122	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make correct and complete quicklook, with same infos than MMS IDL's one	Theo Stassen	23/06/2023 11:54 AM
4120	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add documentation on all code parameters	Theo Stassen	19/06/2023 05:45 PM
4117	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Adapt the code to have correct visual representation of SHCB results	Theo Stassen	15/06/2023 06:33 PM
4116	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Adapt the code to use SCHB mode	Theo Stassen	15/06/2023 06:30 PM
4113	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Reorganise functions (kernel conv window, waveform padding, set frequency first, calfactor	Theo Stassen	09/06/2023 06:43 PM
4112	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Add freq samp deducing function in deduce parameters	Theo Stassen	09/06/2023 06:41 PM
4110	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Analyse fichiers L1A JUICE	Theo Stassen	08/06/2023 10:36 AM
4109	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Rewrite the readme with a summary of the documentation	Theo Stassen	08/06/2023 10:32 AM
4108	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Sphinx documentation with cross referencing, complete explanations, structurations : evaluation part	Theo Stassen	05/06/2023 06:31 PM
4107	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Sphinx documentation with cross referencing, complete explanations, structurations : configuration part	Theo Stassen	05/06/2023 06:30 PM
4106	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Sphinx documentation with cross referencing, complete explanations, structurations : calibration part	Theo Stassen	05/06/2023 06:29 PM
4105	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create functional Diagram of the code	Theo Stassen	05/06/2023 06:27 PM
4100	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Spectra powers plot / comparison	Theo Stassen	30/05/2023 11:36 AM
4103	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Modularisation of calibrate data block	Theo Stassen	30/05/2023 11:36 AM
4102	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Config Handler and config files modifications / improvements	Theo Stassen	30/05/2023 11:35 AM
4101	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Quicklook computation / plot	Theo Stassen	30/05/2023 11:32 AM
4099	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Spectra powers computation	Theo Stassen	30/05/2023 11:16 AM

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4095	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement system of class extends for kernel creation and deduce_parameters	Theo Stassen	17/05/2023 05:08 PM
4093	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Make class for deduce parameter values, depending on other parameters	Theo Stassen	17/05/2023 05:03 PM
4089	JUICE-SCM/Ground Segment	Task	In Progress	Normal	ConfigHandler modularity implementation	Theo Stassen	17/05/2023 05:03 PM
4094	JUICE-SCM/Ground Segment	Task	Resolved	Normal	kernel_creation.py reworked for modularity	Theo Stassen	16/05/2023 04:31 PM
4092	JUICE-SCM/Ground Segment	Task	Resolved	Normal	default / current / limits config gestion	Theo Stassen	16/05/2023 04:28 PM
4091	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Global attributes and cdf name gestion	Theo Stassen	16/05/2023 04:27 PM
4088	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Completely change ConfigHandler functioning	Theo Stassen	16/05/2023 03:40 PM
4087	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Spectra densities plot and comparison	Theo Stassen	16/05/2023 03:24 PM
4086	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Spectra densities computation	Theo Stassen	16/05/2023 02:19 PM
4085	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Reorganise and simplify spectra related functions	Theo Stassen	05/05/2023 06:41 PM
4081	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create Function that compare idl spectrum and computed spectrum	Theo Stassen	27/04/2023 06:19 PM
4079	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create function that plot multiple spectrograms	Theo Stassen	26/04/2023 05:44 PM
4078	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement a simple spectrogram plot	Theo Stassen	26/04/2023 05:42 PM
4077	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement function that compute the spectrogram of a waveform	Theo Stassen	26/04/2023 05:41 PM
4076	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implementation of ConfigHandler class	Theo Stassen	26/04/2023 05:39 PM
4071	JUICE-SCM/Ground Segment	Task	Resolved	Normal	General class to compare waveforms, in order to compare easily different cdf results	Theo Stassen	11/04/2023 03:11 PM
4070	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement function that compare two l1b cdf file data	Theo Stassen	11/04/2023 03:09 PM
4069	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement the cdf writing of results	Theo Stassen	11/04/2023 03:09 PM
4067	JUICE-SCM/Ground Segment	Task	In Progress	Normal	Create Calibrate CDF function	Theo Stassen	11/04/2023 03:09 PM
4068	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement the blocks separation, calibration and concatenation after being calibrated	Theo Stassen	31/03/2023 06:07 PM
4066	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement graphical comparison between idl and python calibration	Theo Stassen	31/03/2023 06:03 PM
4065	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Implement blk_con IDL function	Theo Stassen	31/03/2023 06:03 PM
4061	JUICE-SCM/Ground Segment	Task	Resolved	Normal	deconvo_vec convolution part	Theo Stassen	24/03/2023 05:54 PM
4062	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Correct the documentation strings warnings and pylint errors (if possible)	Theo Stassen	17/03/2023 05:49 PM
4060	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Unit test deconvo vec (for each window type)	Theo Stassen	15/03/2023 04:31 PM
4053	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create deconvo_vec function (kernel part)	Theo Stassen	15/03/2023 04:31 PM
4059	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Trapezoid window creation	Theo Stassen	15/03/2023 04:31 PM
4058	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Gaussian window creation	Theo Stassen	15/03/2023 04:30 PM
4057	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Coscut window creation	Theo Stassen	15/03/2023 04:30 PM
4056	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Shift kernel	Theo Stassen	15/03/2023 04:29 PM
4055	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Check real/imag parts	Theo Stassen	15/03/2023 04:27 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
4054	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Hanning window creation	Theo Stassen	15/03/2023 04:24 PM
4052	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Full code documentation	Theo Stassen	15/03/2023 04:07 PM
4051	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Unit test kernel_creation	Theo Stassen	15/03/2023 04:05 PM
4043	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create the complete Kernel	Theo Stassen	15/03/2023 04:05 PM
4050	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create the kernel_creation function	Theo Stassen	15/03/2023 04:02 PM
4038	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Discover units test python methods and Create Unit tests of the kernel	Theo Stassen	15/03/2023 12:48 PM
4044	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create unit test for corgain (ant, dfb, bessell)	Theo Stassen	14/03/2023 05:49 PM
4045	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Reorganise the code to have all config/metadatas in one csv file, called by the unit tests	Theo Stassen	14/03/2023 05:49 PM
4033	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Fourier transform (and inverse transform) function	Theo Stassen	14/03/2023 05:49 PM
4028	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Create Kernel in python	Theo Stassen	02/03/2023 10:35 AM
4041	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Unit test Antenna filter	Theo Stassen	02/03/2023 10:32 AM
4032	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Antenna response function	Theo Stassen	02/03/2023 10:31 AM
4040	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Unit test DFB	Theo Stassen	24/02/2023 05:48 PM
4039	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Unit test Bessel filter	Theo Stassen	24/02/2023 05:46 PM
4037	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Bandpass filter	Theo Stassen	24/02/2023 05:42 PM
4031	JUICE-SCM/Ground Segment	Task	Resolved	Normal	DFB filter	Theo Stassen	16/02/2023 05:38 PM
4030	JUICE-SCM/Ground Segment	Task	Resolved	Normal	Bessel filter	Theo Stassen	15/02/2023 04:57 PM
4029	JUICE-SCM/Ground Segment	Task	In Progress	Normal	Extract and export cdf file	Theo Stassen	15/02/2023 04:54 PM