

INSTRU - Issues

| # | Tracker | Status | Priority | Subject | Assignee | Updated |
|------|---------|-------------|-----------|--|-------------------------|---------------------|
| 15 | Task | New | Normal | Taux de remplissage des FIFOs du waveform picker | Jean-Christophe Pellion | 03/12/2013 10:10 AM |
| 16 | Task | In Progress | Normal | Documentation système du module Spectral Matrices" | Jean-Christophe Pellion | 10/02/2015 04:28 PM |
| 18 | Task | Feedback | Normal | PPBI et programmation des FPGA | Vincent Leray | 05/01/2015 01:08 PM |
| 20 | Task | In Progress | Normal | Version de la grlib ft | Vincent Leray | 04/06/2015 03:45 PM |
| 126 | Task | New | Normal | Fill the feature page | Alexis Jeandet | 23/04/2014 08:42 AM |
| 228 | Task | In Progress | Normal | DECIMATION | Jean-Christophe Pellion | 05/06/2015 03:25 PM |
| 260 | Task | New | High | Part Stress Analysis | Alexis Jeandet | 21/11/2014 09:30 AM |
| 398 | Task | New | Normal | Utilisez le script periodicity.py sur les tests de Gerald | Veronique bouzid | 25/05/2015 11:08 AM |
| 492 | Task | New | Normal | Implementation Timing LFR | Veronique bouzid | 21/09/2015 09:53 AM |
| 663 | Task | In Progress | Normal | Improve filter performance in space data tree | | 14/02/2019 10:16 AM |
| 674 | Task | New | Normal | code comments | | 14/02/2019 10:16 AM |
| 697 | Task | New | Normal | LFR technical specification updates related to FSW-R3+ | Alexis Jeandet | 22/06/2018 05:24 PM |
| 704 | Task | New | Normal | Readme in QLop soure code | | 14/02/2019 10:16 AM |
| 873 | Task | New | Normal | Prévoir un test où l'on vérifie la superposition des masques RW + FBINS | bruno katra | 30/12/2016 04:35 PM |
| 1273 | Task | In Progress | Normal | Lecture du squelette (API générale) | | 14/02/2019 10:16 AM |
| 1274 | Task | New | Low | Acquisition de données (API générale) | | 14/02/2019 10:16 AM |
| 1340 | Task | New | Immediate | Edition par drag-and-drop d'un intervalle de temps d'un catalogue | | 14/02/2019 10:16 AM |
| 1376 | Task | New | Low | Acquisition de données (API générale) | | 14/02/2019 10:16 AM |
| 1378 | Task | New | Immediate | Test LFR boot Vs Temperature Vs sub_1V5 voltage | Alexis Jeandet | 12/05/2017 04:29 PM |
| 1435 | Task | New | Immediate | Création d'une zone de visualisation depuis un catalogue (drag-and-drop) | | 14/02/2019 10:16 AM |
| 1451 | Task | New | Immediate | Suppression d'un graphe d'une zone de visualisation | | 14/02/2019 10:16 AM |
| 1453 | Task | New | Immediate | Ajout d'une variable dans un graphe existant depuis un catalogue (drag-and-drop) | | 14/02/2019 10:16 AM |
| 1459 | Task | New | Immediate | Ajout d'une variable dans un nouveau graphe depuis un catalogue (drag-and-drop) | | 14/02/2019 10:16 AM |
| 1589 | Task | New | Normal | Regarder l'cov sous windows | | 14/02/2019 10:16 AM |
| 1677 | Task | New | Normal | Création d'une zone de visualisation depuis l'arborescence de données (menu) | | 14/02/2019 10:16 AM |
| 1691 | Task | New | Immediate | Ajout d'une variable dans un graphe existant depuis l'arborescence de données (menu) | | 14/02/2019 10:16 AM |
| 1706 | Task | New | High | Widget de connexion a AMDA | | 14/02/2019 10:16 AM |
| 1756 | Task | New | Urgent | Mock sous linux | | 14/02/2019 10:16 AM |
| 1786 | Task | New | High | Affichage d'une marqueur vertical | | 14/02/2019 10:16 AM |
| 1851 | Task | In Progress | Normal | Arranger les labels de temps pour plus de précisions | | 14/02/2019 10:16 AM |
| 1880 | Task | New | Normal | Révision de la conception du doc API | | 14/02/2019 10:16 AM |

| # | Tracker | Status | Priority | Subject | Assignee | Updated |
|------|---------|-------------|----------|--|-----------------|---------------------|
| 1947 | Task | New | Normal | Mettre en place un timeout lié à la perte de débit | | 14/02/2019 10:16 AM |
| 1948 | Task | New | Normal | Lancer l'annulation de la requête en cas de timeout de débit | | 14/02/2019 10:16 AM |
| 2044 | Task | In Progress | Normal | spectro notebook | Laurent Mirioni | 14/02/2019 09:59 AM |
| 2045 | Task | In Progress | High | aide spectro | Laurent Mirioni | 14/02/2019 09:59 AM |
| 2046 | Task | New | Normal | arbre JSON | Laurent Mirioni | 14/02/2019 09:59 AM |
| 2047 | Task | New | Normal | test import/export VOTable | Laurent Mirioni | 14/02/2019 09:59 AM |
| 2048 | Task | New | Normal | Drag and Drop | | 14/02/2019 09:59 AM |
| 2049 | Task | New | Normal | design backend catalog | | 14/02/2019 09:59 AM |
| 2050 | Task | New | Normal | implémentation du backend catalog | | 14/02/2019 09:59 AM |
| 2051 | Task | New | Normal | debug/feedback backend catalog | | 14/02/2019 09:59 AM |
| 2052 | Task | New | Normal | layout dynamique des plots | | 14/02/2019 09:59 AM |
| 2054 | Task | New | Normal | feedback/debug spectro | | 14/02/2019 09:59 AM |
| 2055 | Task | New | Normal | design GUI catalog | | 14/02/2019 09:59 AM |
| 2056 | Task | New | Normal | implémentation du GUI catalog | | 14/02/2019 09:59 AM |
| 2057 | Task | New | Normal | feedback debug GUI catalog | | 14/02/2019 09:59 AM |
| 2058 | Task | New | Normal | Design et implementation curseurs/zone dans les plots | | 14/02/2019 09:59 AM |
| 2059 | Task | New | Normal | debug/feedback curseurs zones | | 14/02/2019 09:59 AM |
| 2060 | Task | New | Normal | Settings plot par défaut + ergonomie (axes, légendes..) | | 14/02/2019 09:59 AM |
| 2061 | Task | New | Normal | design + implementation sélection temps versus orbit | | 14/02/2019 09:59 AM |
| 2081 | Task | New | Normal | Sciqlop sur MAC | | 14/02/2019 09:59 AM |
| 2082 | Task | New | Normal | Mock rampe | | 14/02/2019 09:59 AM |
| 2083 | Task | New | Normal | Widget de configuration du mock | | 14/02/2019 09:59 AM |
| 2089 | Task | In Progress | Normal | Indiquer pour une variable son état d'acquisition | | 14/02/2019 09:59 AM |
| 2102 | Task | New | Normal | Vérifier le paramétrage de la synchronisation | | 14/02/2019 09:59 AM |
| 2103 | Task | New | Normal | Affiner les étapes de téléchargement de la progress bar | | 14/02/2019 09:59 AM |
| 2108 | Task | In Progress | Normal | Test unitaires complémentaires | | 14/02/2019 09:59 AM |
| 2109 | Task | In Progress | Normal | MAJ Test fonctionnelles AMDA | | 14/02/2019 09:59 AM |
| 2110 | Task | New | Normal | Test fonctionnelles AMDA aléatoire | | 14/02/2019 09:59 AM |
| 2117 | Task | New | Normal | Identifier un trou de donnée | | 14/02/2019 09:59 AM |
| 2118 | Task | New | Normal | Intégrer le nouveau format JSON | | 14/02/2019 09:59 AM |
| 2165 | Task | New | Normal | Drop de produits dans la visu | | 14/02/2019 09:59 AM |
| 2214 | Task | New | Normal | Diff de catalogue | | 14/02/2019 09:59 AM |
| 2222 | Task | New | Normal | Drop d'évènements dans la visu | | 14/02/2019 09:59 AM |

| # | Tracker | Status | Priority | Subject | Assignee | Updated |
|------|---------|----------|----------|---|----------|---------------------|
| 2238 | Task | New | Normal | Zoom sur l'axe Y d'un spectrogramme | | 14/02/2019 09:59 AM |
| 2251 | Task | New | Normal | Amélioration du drop sur un graphe existant | | 14/02/2019 09:59 AM |
| 2390 | Task | New | Normal | Mauvaise représentation Y des spectrogrammes | | 14/02/2019 09:59 AM |
| 2439 | Task | New | Normal | Ajout d'un Evènement | | 14/02/2019 09:59 AM |
| 2440 | Task | New | Normal | Suppression d'un Evènement | | 14/02/2019 09:59 AM |
| 2441 | Task | New | Normal | Suppression de tous les Evènements | | 14/02/2019 09:59 AM |
| 2442 | Task | New | Normal | Restauration d'un Evènement | | 14/02/2019 09:59 AM |
| 2443 | Task | New | Normal | Afficher le nombre d'Evènement dedans depuis le nœud | | 14/02/2019 09:59 AM |
| 2444 | Task | New | Normal | Actions « Empty Trash » depuis menu contextuel | | 14/02/2019 09:59 AM |
| 2448 | Task | New | Normal | SearchBox modifie le catalogue et son attribut requête | | 14/02/2019 09:59 AM |
| 2455 | Task | New | Normal | Mauvaise synchronisation entre deux graphes | | 14/02/2019 09:59 AM |
| 2460 | Task | Feedback | Normal | Augmentation des marges lors du drop d'une variable | | 14/02/2019 09:59 AM |
| 2476 | Task | New | Normal | Ajout de la roue et de son sous menu lié au catalogue | | 14/02/2019 09:59 AM |
| 2477 | Task | New | Normal | L'affichage utilise les évènements/catalogues dans leur état modifié | | 14/02/2019 09:59 AM |
| 2478 | Task | New | Normal | Affichage des catalogues cochées | | 14/02/2019 09:59 AM |
| 2479 | Task | New | Normal | Suppression des catalogues décochées | | 14/02/2019 09:59 AM |
| 2480 | Task | New | Normal | Le déplacement d'un évènement sur l'affichage doit entrainer la modification de l'évènement depuis l'inspecteur | | 14/02/2019 09:59 AM |
| 2482 | Task | New | Normal | Suppression d'évènement | | 14/02/2019 09:59 AM |
| 2483 | Task | New | Normal | Affichage d'un catalogue sur une zone | | 14/02/2019 09:59 AM |
| 2486 | Task | New | Normal | Ajouter un DB via un menu dédié | | 14/02/2019 09:59 AM |
| 2487 | Task | New | Normal | Exporter un DB via menu contextuelle du nœud DB | | 14/02/2019 09:59 AM |
| 2488 | Task | New | Normal | Création de catalogue à partir d'union d'autre catalogues | | 14/02/2019 09:59 AM |
| 2489 | Task | New | Normal | Création de catalogue à partir d'intersection d'autre catalogues | | 14/02/2019 09:59 AM |
| 2491 | Task | New | Normal | Changement version sciqlop | | 14/02/2019 09:59 AM |
| 2492 | Task | New | Normal | Ajout/suppression du menu File | | 14/02/2019 09:59 AM |
| 2493 | Task | New | Normal | Widget malin et ergonomique | | 14/02/2019 09:59 AM |
| 2494 | Task | New | Normal | Filtre les évènements | | 14/02/2019 09:59 AM |
| 2495 | Task | New | Normal | Ajouter un Catalogue dynamique | | 14/02/2019 09:59 AM |
| 2497 | Task | New | Normal | Suppression d'un Evènement | | 14/02/2019 09:59 AM |
| 2498 | Task | New | Normal | SearchBox modifie le catalogue et son attribut requête | | 14/02/2019 09:59 AM |
| 2509 | Task | New | Normal | Ajouter l'opération d'annulation | | 14/02/2019 09:59 AM |
| 3144 | Task | New | Normal | Remove variable type inference from metadata "static DataSeriesType findDataSeriesType(const QVariantHash &metadata)" | | 14/02/2019 10:37 AM |

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|------|---------|-------------|----------|--|------------------|---------------------|
| 3612 | Task | In Progress | Normal | Analyse du cahier des charges | joel moutoussamy | 23/01/2021 05:27 PM |
| 3613 | Task | In Progress | Normal | Liste du matériel/logiciel | joel moutoussamy | 23/01/2021 05:30 PM |
| 3619 | Task | New | Normal | Répartition des tâches | | 01/02/2021 09:34 AM |
| 3813 | Task | New | High | BBM | | 30/05/2021 04:53 PM |
| 3814 | Task | New | High | Electronics BBM | | 30/05/2021 04:53 PM |
| 3850 | Task | New | High | Validate BBM board(s) | Dominique Alison | 20/05/2021 04:17 PM |
| 3877 | Task | In Progress | Normal | Matrices de passage par défaut pour les ASM : à valider | Alexis Jeandet | 11/03/2022 06:55 PM |
| 3897 | Task | In Progress | Low | Faire un test avec les matrices de chgt de repère/calibration mises à 1 et 0 pour reproduire le comportement du FSW <=3.2.0.24 | bruno katra | 06/10/2022 11:13 AM |
| 3985 | Task | Feedback | Normal | Test du chargement forcé des KCOEFF par défaut : écrasement des KCOEFF à bord | Alexis Jeandet | 16/11/2022 05:16 PM |
| 3991 | Task | In Progress | Normal | Mise en place d'un protocole de test pour la validation de la correction du bug sur le moyennage des SM à F0 et F1 | bruno katra | 14/12/2022 12:54 PM |
| 3998 | Task | New | High | Documenter le code MMS/SCM avec IDLdoc | Laurent Mirioni | 04/01/2023 12:04 PM |
| 4000 | Task | In Progress | High | Formatage des commentaires MMS/SCM | Laurent Mirioni | 04/01/2023 12:04 PM |
| 4001 | Task | New | Normal | Adapter le code IDL d'MMS/SCM à JUICE/SCM | Laurent Mirioni | 07/12/2022 07:44 AM |
| 4003 | Task | New | Normal | MàJ du document Ground Segment Development Plan for RPWI | Laurent Mirioni | 07/12/2022 05:30 PM |
| 4024 | Task | New | Normal | Première version calibration python | Theo Stassen | 28/07/2023 07:02 PM |
| 4028 | Task | Resolved | Normal | Create Kernel in python | Theo Stassen | 02/03/2023 10:35 AM |
| 4029 | Task | In Progress | Normal | Extract and export cdf file | Theo Stassen | 15/02/2023 04:54 PM |
| 4030 | Task | Resolved | Normal | Bessel filter | Theo Stassen | 15/02/2023 04:57 PM |
| 4031 | Task | Resolved | Normal | DFB filter | Theo Stassen | 16/02/2023 05:38 PM |
| 4032 | Task | Resolved | Normal | Antenna response function | Theo Stassen | 02/03/2023 10:31 AM |
| 4033 | Task | Resolved | Normal | Fourier transform (and inverse transform) function | Theo Stassen | 14/03/2023 05:49 PM |
| 4037 | Task | Resolved | Normal | Bandpass filter | Theo Stassen | 24/02/2023 05:42 PM |
| 4038 | Task | Resolved | Normal | Discover units test python methods and Create Unit tests of the kernel | Theo Stassen | 15/03/2023 12:48 PM |
| 4039 | Task | Resolved | Normal | Unit test Bessel filter | Theo Stassen | 24/02/2023 05:46 PM |
| 4040 | Task | Resolved | Normal | Unit test DFB | Theo Stassen | 24/02/2023 05:48 PM |
| 4041 | Task | Resolved | Normal | Unit test Antenna filter | Theo Stassen | 02/03/2023 10:32 AM |
| 4043 | Task | Resolved | Normal | Create the complete Kernel | Theo Stassen | 15/03/2023 04:05 PM |
| 4044 | Task | Resolved | Normal | Create unit test for corgain (ant, dfb, bessel) | Theo Stassen | 14/03/2023 05:49 PM |
| 4045 | 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 |
| 4050 | Task | Resolved | Normal | Create the kernel_creation function | Theo Stassen | 15/03/2023 04:02 PM |
| 4051 | Task | Resolved | Normal | Unit test kernel_creation | Theo Stassen | 15/03/2023 04:05 PM |
| 4052 | Task | Resolved | Normal | Full code documentation | Theo Stassen | 15/03/2023 04:07 PM |

| # | Tracker | Status | Priority | Subject | Assignee | Updated |
|------|---------|-------------|----------|---|--------------|---------------------|
| 4053 | Task | Resolved | Normal | Create deconvo_vec function (kernel part) | Theo Stassen | 15/03/2023 04:31 PM |
| 4054 | Task | Resolved | Normal | Hanning window creation | Theo Stassen | 15/03/2023 04:24 PM |
| 4055 | Task | Resolved | Normal | Check real/imag parts | Theo Stassen | 15/03/2023 04:27 PM |
| 4056 | Task | Resolved | Normal | Shift kernel | Theo Stassen | 15/03/2023 04:29 PM |
| 4057 | Task | Resolved | Normal | Coscut window creation | Theo Stassen | 15/03/2023 04:30 PM |
| 4058 | Task | Resolved | Normal | Gaussian window creation | Theo Stassen | 15/03/2023 04:30 PM |
| 4059 | Task | Resolved | Normal | Trapezoid window creation | Theo Stassen | 15/03/2023 04:31 PM |
| 4060 | Task | Resolved | Normal | Unit test deconvo_vec (for each window type) | Theo Stassen | 15/03/2023 04:31 PM |
| 4061 | Task | Resolved | Normal | deconvo_vec convolution part | Theo Stassen | 24/03/2023 05:54 PM |
| 4062 | Task | Resolved | Normal | Correct the documentation strings warnings and pylint errors (if possible) | Theo Stassen | 17/03/2023 05:49 PM |
| 4065 | Task | Resolved | Normal | Implement blk_con IDL function | Theo Stassen | 31/03/2023 06:03 PM |
| 4066 | Task | Resolved | Normal | Implement graphical comparison between idl and python calibration | Theo Stassen | 31/03/2023 06:03 PM |
| 4067 | Task | In Progress | Normal | Create Calibrate CDF function | Theo Stassen | 11/04/2023 03:09 PM |
| 4068 | Task | Resolved | Normal | Implement the blocks separation, calibration and concatenation after being calibrated | Theo Stassen | 31/03/2023 06:07 PM |
| 4069 | Task | Resolved | Normal | Implement the cdf writing of results | Theo Stassen | 11/04/2023 03:09 PM |
| 4070 | Task | Resolved | Normal | Implement function that compare two l1b cdf file data | Theo Stassen | 11/04/2023 03:09 PM |
| 4071 | Task | Resolved | Normal | General class to compare waveforms, in order to compare easily different cdf results | Theo Stassen | 11/04/2023 03:11 PM |
| 4076 | Task | Resolved | Normal | Implementation of ConfigHandler class | Theo Stassen | 26/04/2023 05:39 PM |
| 4077 | Task | Resolved | Normal | Implement function that compute the spectrogram of a waveform | Theo Stassen | 26/04/2023 05:41 PM |
| 4078 | Task | Resolved | Normal | Implement a simple spectrogram plot | Theo Stassen | 26/04/2023 05:42 PM |
| 4079 | Task | Resolved | Normal | Create function that plot multiple spectrograms | Theo Stassen | 26/04/2023 05:44 PM |
| 4081 | Task | Resolved | Normal | Create Function that compare idl spectrum and computed spectrum | Theo Stassen | 27/04/2023 06:19 PM |
| 4085 | Task | Resolved | Normal | Reorganise and simplify spectra related functions | Theo Stassen | 05/05/2023 06:41 PM |
| 4086 | Task | Resolved | Normal | Spectra densities computation | Theo Stassen | 16/05/2023 02:19 PM |
| 4087 | Task | Resolved | Normal | Spectra densities plot and comparison | Theo Stassen | 16/05/2023 03:24 PM |
| 4088 | Task | Resolved | Normal | Completely change ConfigHandler functioning | Theo Stassen | 16/05/2023 03:40 PM |
| 4089 | Task | In Progress | Normal | ConfigHandler modularity implementation | Theo Stassen | 17/05/2023 05:03 PM |
| 4091 | Task | Resolved | Normal | Global attributes and cdf name gestion | Theo Stassen | 16/05/2023 04:27 PM |
| 4092 | Task | Resolved | Normal | default / current / limits config gestion | Theo Stassen | 16/05/2023 04:28 PM |
| 4093 | Task | Resolved | Normal | Make class for deduce parameter values, depending on other parameters | Theo Stassen | 17/05/2023 05:03 PM |
| 4094 | Task | Resolved | Normal | kernel_creation.py reworked for modularity | Theo Stassen | 16/05/2023 04:31 PM |
| 4095 | Task | Resolved | Normal | Implement system of class extends for kernel creation and deduce_parameters | Theo Stassen | 17/05/2023 05:08 PM |
| 4099 | Task | Resolved | Normal | Spectra powers computation | Theo Stassen | 30/05/2023 11:16 AM |

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|------|---------|-------------|----------|--|--------------|---------------------|
| 4100 | Task | Resolved | Normal | Spectra powers plot / comparison | Theo Stassen | 30/05/2023 11:36 AM |
| 4101 | Task | Resolved | Normal | Quicklook computation / plot | Theo Stassen | 30/05/2023 11:32 AM |
| 4102 | Task | Resolved | Normal | Config Handler and config files modifications / improvements | Theo Stassen | 30/05/2023 11:35 AM |
| 4103 | Task | Resolved | Normal | Modularisation of calibrate data block | Theo Stassen | 30/05/2023 11:36 AM |
| 4105 | Task | Resolved | Normal | Create functional Diagram of the code | Theo Stassen | 05/06/2023 06:27 PM |
| 4106 | Task | Resolved | Normal | Sphinx documentation with cross referencing, complete explanations, structurations : calibration part | Theo Stassen | 05/06/2023 06:29 PM |
| 4107 | Task | Resolved | Normal | Sphinx documentation with cross referencing, complete explanations, structurations : configuration part | Theo Stassen | 05/06/2023 06:30 PM |
| 4108 | Task | Resolved | Normal | Sphinx documentation with cross referencing, complete explanations, structurations : evaluation part | Theo Stassen | 05/06/2023 06:31 PM |
| 4109 | Task | Resolved | Normal | Rewrite the readme with a summary of the documentation | Theo Stassen | 08/06/2023 10:32 AM |
| 4110 | Task | Resolved | Normal | Analyse fichiers L1A JUICE | Theo Stassen | 08/06/2023 10:36 AM |
| 4112 | Task | Resolved | Normal | Add freq samp deducing function in deduce parameters | Theo Stassen | 09/06/2023 06:41 PM |
| 4113 | Task | Resolved | Normal | Reorganise functions (kernel conv window, waveform padding, set frequency first, calfactor | Theo Stassen | 09/06/2023 06:43 PM |
| 4115 | Task | In Progress | Normal | Mise à jour DP R3.3 suite à émission des RIDS par le CNES | bruno katra | 08/08/2023 03:00 PM |
| 4116 | Task | Resolved | Normal | Adapt the code to use SCHB mode | Theo Stassen | 15/06/2023 06:30 PM |
| 4117 | Task | Resolved | Normal | Adapt the code to have correct visual representation of SHCB results | Theo Stassen | 15/06/2023 06:33 PM |
| 4120 | Task | Resolved | Normal | Add documentation on all code parameters | Theo Stassen | 19/06/2023 05:45 PM |
| 4122 | Task | Resolved | Normal | Make correct and complete quicklook, with same infos than MMS IDL's one | Theo Stassen | 23/06/2023 11:54 AM |
| 4124 | Task | Resolved | Normal | Create script with inline inputs, for calibrate and quicklook | Theo Stassen | 23/06/2023 12:02 PM |
| 4125 | 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 |
| 4126 | 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 |
| 4129 | Task | Resolved | Normal | Resolve plenty of problems concerning configHandler | Theo Stassen | 03/07/2023 04:48 PM |
| 4130 | Task | Resolved | Normal | Implement a first bash script, with auto venv use | Theo Stassen | 03/07/2023 04:49 PM |
| 4132 | Task | Resolved | Normal | Make the cdf data extraction modular to prepare the different extraction needed | Theo Stassen | 03/07/2023 04:52 PM |
| 4133 | Task | Resolved | Normal | Adapt the matlab code for cdf data extraction (JUICE sid7) | Theo Stassen | 10/07/2023 04:46 PM |
| 4138 | Task | Resolved | Normal | Produce a waveform plot of JUICE data using code based on matlab code | Theo Stassen | 10/07/2023 04:49 PM |
| 4139 | Task | Resolved | Normal | Take the python code of David Pisa instead of Matlab code | Theo Stassen | 10/07/2023 04:52 PM |
| 4140 | Task | Resolved | Normal | Resolve the problem with epochs to be able to quicklook data | Theo Stassen | 10/07/2023 04:56 PM |
| 4145 | Task | Resolved | Normal | Create generic log printer (for log file and/or terminal) | Theo Stassen | 17/07/2023 11:03 AM |
| 4149 | 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 |
| 4150 | 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 |
| 4151 | Task | Resolved | Normal | Reorganisation of kernel construction | Theo Stassen | 21/07/2023 06:56 PM |
| 4154 | 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 |

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|------|---------|-------------|----------|--|--------------|---------------------|
| 4155 | Task | Resolved | Normal | Create and improve the scripts to have 3 fully independent and functional scripts | Theo Stassen | 28/07/2023 07:02 PM |
| 4157 | Task | In Progress | Normal | Create interactive version of quicklook, to analyse cdf data | Theo Stassen | 18/09/2023 02:02 PM |
| 4158 | Task | Resolved | Normal | Find proper tools and solutions fo allow data refresh in quicklook | Theo Stassen | 31/08/2023 06:24 PM |
| 4159 | Task | Resolved | Normal | Find proper solution for zoom / move of data | Theo Stassen | 31/08/2023 06:28 PM |
| 4160 | Task | Resolved | Normal | Create a version of quicklook with some parameter buttons that modify spectra | Theo Stassen | 31/08/2023 06:29 PM |
| 4163 | 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 |
| 4164 | Task | Resolved | Normal | Modify the visuals of interactive and static quicklook to be more modular | Theo Stassen | 05/09/2023 06:38 PM |
| 4165 | 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 |
| 4168 | Task | Resolved | Normal | Improve and resolve problems / bugs concerning interactive plots | Theo Stassen | 18/09/2023 01:55 PM |
| 4171 | Task | Resolved | Normal | Add buttons to change the content struct | Theo Stassen | 18/09/2023 02:02 PM |
| 4172 | Task | Resolved | Normal | Adapt the calibration / evaluation code to allow JUICE files | Theo Stassen | 18/09/2023 02:07 PM |
| 4179 | Task | Resolved | Normal | Juice files first calibration | Theo Stassen | 29/09/2023 06:47 PM |
| 4180 | Task | Resolved | Normal | JUICE quicklook analysis | Theo Stassen | 29/09/2023 06:45 PM |
| 4181 | Task | Resolved | Normal | Code reorganisation to have scripts separately + debugging | Theo Stassen | 29/09/2023 06:47 PM |
| 4187 | 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 |
| 4190 | Task | Resolved | Normal | Make all the variables of input cdf be in output cdf | Theo Stassen | 10/10/2023 06:55 PM |
| 4191 | Task | Resolved | Normal | Make the script able to specify freely custom values of any parameters | Theo Stassen | 10/10/2023 06:56 PM |
| 4193 | Task | Resolved | Normal | register all remaining taks written these last month in a summary document | Theo Stassen | 17/10/2023 04:44 PM |
| 4196 | Task | Resolved | Normal | Create script for documentation generation (cleaning/creation/show) | Theo Stassen | 17/10/2023 04:48 PM |
| 4206 | Task | Resolved | Normal | Documentation complete add and upgrade | Theo Stassen | 27/10/2023 05:43 PM |
| 4208 | Task | Resolved | Normal | First version of a "time extract" method | Theo Stassen | 27/10/2023 05:44 PM |
| 4210 | Task | Resolved | Normal | Finish complete time extract method | Theo Stassen | 06/11/2023 11:57 AM |
| 4211 | 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 |
| 4212 | 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 |
| 4214 | 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 |
| 4215 | 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 |
| 4216 | 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 |
| 4218 | 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 |
| 4221 | Task | Resolved | Normal | Create a GUI for selection of a range of time to plot | Theo Stassen | 13/11/2023 06:50 PM |
| 4223 | Task | Resolved | Normal | Find the problem of difference between matlab and python code | Theo Stassen | 13/11/2023 06:54 PM |

| # | Tracker | Status | Priority | Subject | Assignee | Updated |
|------|---------|-------------|----------|---|--------------|---------------------|
| 4226 | Task | Resolved | Normal | Advances in the comparison between Matlab and python results | Theo Stassen | 17/11/2023 06:54 PM |
| 4227 | Task | Resolved | Normal | Reorganisation of the python scripts for modularisation | Theo Stassen | 17/11/2023 06:57 PM |
| 4228 | Task | Resolved | Normal | Make the GUI a general tool, replacing the interact interface | Theo Stassen | 17/11/2023 07:01 PM |
| 4229 | Task | Resolved | Normal | Update documentation for time/solo extract | Theo Stassen | 21/11/2023 06:50 PM |
| 4230 | 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 |
| 4235 | Task | Resolved | Normal | Find the cdfs with temperature data in it and test to extract them | Theo Stassen | 28/11/2023 06:56 PM |
| 4239 | Task | Resolved | Normal | Improvements and bug resolve for temperature spectrum computing and plots | Theo Stassen | 06/12/2023 02:15 PM |
| 4240 | Task | Resolved | Normal | Professional training about the distribution (and learn of automatisisation tools) of python application | Theo Stassen | 06/12/2023 02:17 PM |
| 4241 | Task | Resolved | Normal | Software exploration for documentation tools following the professional training. | Theo Stassen | 06/12/2023 02:17 PM |
| 4242 | Task | Resolved | Normal | Documentation improvements following the professional training | Theo Stassen | 06/12/2023 02:18 PM |
| 4243 | 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 |
| 4244 | Task | Resolved | Normal | Bug solving for spectrum computation problems | Theo Stassen | 06/12/2023 02:20 PM |
| 4245 | Task | Resolved | Normal | Change the code from pyenv environnement to poetry environment | Theo Stassen | 06/12/2023 02:23 PM |
| 4256 | Task | Resolved | Normal | Gathering and analysis of all remaining open tasks | Theo Stassen | 09/01/2024 06:37 PM |
| 4257 | Task | Resolved | Normal | Discovering of the Ruff linter and formatter+ experiments | Theo Stassen | 09/01/2024 06:38 PM |
| 4258 | Task | Resolved | Normal | Creation of a ruff pre commit hook | Theo Stassen | 12/01/2024 06:44 PM |
| 4260 | Task | Resolved | Normal | Add documentation handle in pre commit hooks | Theo Stassen | 12/01/2024 06:45 PM |
| 4261 | Task | Resolved | Normal | Discover of pytest and add to pre commit hooks | Theo Stassen | 12/01/2024 06:46 PM |
| 4262 | Task | Resolved | Normal | Add multiple pytests (init, extract, display) | Theo Stassen | 12/01/2024 06:46 PM |
| 4265 | 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 |
| 4266 | Task | Resolved | Normal | Research for a method to easily and beautifully document visually the code structure | Theo Stassen | 19/01/2024 07:02 PM |
| 4267 | Task | In Progress | Normal | Creation of a visual documentation of the code | Theo Stassen | 09/02/2024 06:47 PM |
| 4268 | Task | Resolved | Normal | Make the writing and initialization parts separated from the others | Theo Stassen | 19/01/2024 07:06 PM |
| 4282 | Task | Resolved | Normal | Create pdf user documentation (Three first iterations) | Theo Stassen | 09/02/2024 06:49 PM |
| 4283 | 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 |
| 4284 | Task | Resolved | Normal | Modify the code to be coherent in physical units | Theo Stassen | 09/02/2024 06:53 PM |
| 4286 | 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 |
| 4287 | Task | Resolved | Normal | Add of some modularisation in parameters | Theo Stassen | 23/02/2024 06:51 PM |
| 4305 | 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 |
| 4306 | Task | Resolved | Normal | Improve and simplify some parameters calls and use | Theo Stassen | 23/02/2024 06:53 PM |
| 4307 | Task | Resolved | Normal | Clean and simplify the config files | Theo Stassen | 23/02/2024 06:54 PM |

| # | Tracker | Status | Priority | Subject | Assignee | Updated |
|------|---------|----------|----------|---|--------------|---------------------|
| 4308 | Task | Resolved | Normal | Change the way the datetimes are corrected | Theo Stassen | 23/02/2024 06:55 PM |
| 4309 | Task | Resolved | Normal | Find how to force the documentation to trigger error even for warnings | Theo Stassen | 23/02/2024 06:56 PM |
| 4310 | Task | Resolved | Normal | Improve the GUI by adding a embedded window containing the print content | Theo Stassen | 23/02/2024 06:57 PM |
| 4311 | 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 |
| 4325 | Task | Resolved | Normal | Generate a directory with quicklooks of all cdfs from 2023/2024 | Theo Stassen | 21/03/2024 12:47 PM |
| 4326 | Task | Resolved | Normal | Resolve the problem concerning cdfs epoch extraction for 2024 | Theo Stassen | 21/03/2024 02:36 PM |
| 4327 | Task | Resolved | Normal | Resolve the problem concerning SID3 2024 extraction | Theo Stassen | 21/03/2024 02:37 PM |
| 4328 | Task | Resolved | Normal | Research to find a standardisation system for logging, and experiments | Theo Stassen | 21/03/2024 03:01 PM |
| 4330 | 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 |
| 4343 | Task | Resolved | Normal | Search different support data (temperatures, reaction wheels, etc) | Theo Stassen | 08/04/2024 04:31 PM |
| 4344 | Task | Resolved | Normal | Test the extract of temperatures data | Theo Stassen | 08/04/2024 04:32 PM |
| 4345 | Task | Resolved | Normal | major change : all the extracted content is now in a dict "input_content" | Theo Stassen | 08/04/2024 04:34 PM |
| 4346 | Task | Resolved | Normal | Complete reshape of the method to give and prepare data for plot data | Theo Stassen | 08/04/2024 04:43 PM |
| 4347 | 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 |
| 4360 | 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 |
| 4361 | Task | Resolved | Normal | Produce and test the creation of big quicklooks with calibrated data | Theo Stassen | 23/04/2024 03:18 PM |
| 4362 | Task | Resolved | Normal | Meeting with Alessandro on the calibration results | Theo Stassen | 23/04/2024 03:18 PM |
| 4363 | 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 |
| 4364 | Task | Resolved | Normal | Benchmarking of the code execution for really big files | Theo Stassen | 23/04/2024 03:22 PM |
| 4365 | Task | Resolved | Normal | Annual Report writing | Theo Stassen | 23/04/2024 03:24 PM |