

## INSTRU - Issues

| #    | Tracker | Status      | Priority | Subject   | Assignee                | Updated             |
|------|---------|-------------|----------|---|-------------------------|---------------------|
| 3075 | Bug     | New         | Normal   | test  |                         | 09/08/2018 06:56 PM |
| 2373 | Bug     | New         | Normal   | terminating with uncaught exception of type std::out_of_range: unordered_map::at: key not found   |                         | 14/02/2019 09:59 AM |
| 2129 | Bug     | Resolved    | High     | wind acquisition does not work  |                         | 14/02/2019 09:59 AM |
| 2120 | Bug     | New         | Normal   | variable is never downloaded although the progress bar is well advanced   |                         | 14/02/2019 09:59 AM |
| 2119 | Bug     | New         | Normal   | scroll bar appears and disappear  |                         | 14/02/2019 09:59 AM |
| 2078 | Bug     | New         | High     | plot variable defined on range A on a graph defined on range B causes a download and does not plot                                      |                         | 14/02/2019 09:59 AM |
| 504  | Bug     | New         | Normal   | setInstanceName doesn't changes python context instance name and also in loaded plugin widget   |                         | 21/09/2015 03:27 PM |
| 498  | Bug     | New         | Normal   | Timecode + timegen en mode router non fonctionnels  |                         | 18/09/2015 01:35 PM |
| 471  | Bug     | New         | High     | Bistream 1.1.85 issues  |                         | 22/06/2018 05:08 PM |
| 301  | Bug     | New         | Normal   | Réception des harnais de tests STAE   |                         | 19/12/2014 01:23 PM |
| 3851 | Bug     | Feedback    | Normal   | bruit périodique à F1 vu sur les BPs et ASM mais pas sur les SWF  | Alexis Jeandet          | 30/01/2023 08:26 PM |
| 3821 | Bug     | Resolved    | Normal   | Moyennage des SM erroné pour F0 et F1 dans FSW <=3.2.0.24   | Alexis Jeandet          | 23/05/2023 04:00 PM |
| 503  | Bug     | New         | Normal   | closeMe() method doesn't remove plugin from python context.   | Alexis Jeandet          | 21/09/2015 03:25 PM |
| 107  | Bug     | New         | High     | SocExplorerPlot python module doesn't work on Windows   | Alexis Jeandet          | 30/03/2014 05:42 PM |
| 958  | Bug     | New         | Normal   | Intégrer les différentes FT T° selon modèle carte   | bruno katra             | 06/03/2017 10:17 AM |
| 850  | Bug     | New         | Urgent   | [IMPORTANT] amélioration de l'opération de shaping dans le VHDL LFR   | Jean-Christophe Pellion | 02/12/2016 01:09 PM |
| 470  | Bug     | Resolved    | High     | Bistream 1.1.85 snapshots non générés   | Jean-Christophe Pellion | 19/07/2015 03:00 PM |
| 1746 | Bug     | New         | Normal   | Requête de modification pour prochaine release FSW : augmenter le taux de commentaires + doxygen  | paul leroy              | 07/07/2017 04:13 PM |
| 4285 | 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 | 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 | 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 | Bug     | Resolved    | Normal   | Make the 'file name' in the plot readable (using of multiple lines)   | Theo Stassen            | 06/11/2023 12:02 PM |
| 4195 | Bug     | Resolved    | Normal   | Documentation debugging   | Theo Stassen            | 17/10/2023 04:45 PM |
| 4194 | Bug     | Resolved    | Normal   | Debug/resolution of some little remaining tasks registered  | Theo Stassen            | 17/10/2023 04:43 PM |
| 4188 | Bug     | In Progress | Normal   | The problem with JUICE results is not resolved  | Theo Stassen            | 06/10/2023 06:16 PM |
| 4184 | Bug     | Resolved    | Normal   | Start the rework of documentation   | Theo Stassen            | 29/09/2023 06:52 PM |
| 4183 | Bug     | Resolved    | Normal   | Reorganise and document the display data part   | Theo Stassen            | 29/09/2023 06:50 PM |
| 4182 | Bug     | Resolved    | Normal   | Lot of new sh and python scripts added, around calibration and display data   | Theo Stassen            | 29/09/2023 06:48 PM |

| #    | Tracker | Status      | Priority | Subject  | Assignee                | Updated             |
|------|---------|-------------|----------|--|-------------------------|---------------------|
| 4131 | Bug     | Resolved    | Normal   | Resolve problems with venv / conda conflict on local machine   | Theo Stassen            | 03/07/2023 04:56 PM |
| 4123 | Bug     | Resolved    | Normal   | Resolve problems with epochs   | Theo Stassen            | 23/06/2023 11:58 AM |
| 3936 | Bug     | In Progress | Normal   | Comparaison/validation FSW 3.2.0.24 vs 3.3.0.7 avec matrices unitaires.                                  | thomas chust            | 04/07/2022 04:45 PM |
| 518  | Bug     | Feedback    | High     | synchronisation F3-F2-F1-F0  | thomas chust            | 07/10/2015 12:10 PM |
| 383  | Bug     | Feedback    | Normal   | petite irrégularité de temps pour les CWF à F1 ?   | thomas chust            | 15/06/2015 08:43 AM |
| 382  | Bug     | Resolved    | Normal   | petite irrégularité de temps pour les CWF à F2 ?   | thomas chust            | 15/06/2015 08:41 AM |
| 250  | Bug     | Feedback    | Normal   | temps des ASM pas bien défini  | thomas chust            | 15/06/2015 08:41 AM |
| 3782 | Bug     | New         | Normal   | Tester les sorties GPIO avec 2 leds connectés  | Tristan DAPOIGNY        | 28/02/2021 08:25 PM |
| 240  | Bug     | Resolved    | Normal   | Liste de problèmes observés sur le LFR FGSE  | Vincent Leray           | 04/06/2015 03:32 PM |
| 2252 | Feature | New         | Normal   | Affichage d'une variable en cours d'initialisation   |                         | 14/02/2019 09:59 AM |
| 919  | Feature | New         | Normal   | allow possible connection between events in catalogs   |                         | 14/02/2019 10:29 AM |
| 918  | Feature | New         | Normal   | View catalog timelines   |                         | 14/02/2019 10:29 AM |
| 895  | Feature | New         | Normal   | Data tree filter real time filtering   |                         | 14/02/2019 10:29 AM |
| 892  | Feature | New         | Normal   | Add category choice for filter on data tree  |                         | 14/02/2019 10:29 AM |
| 891  | Feature | New         | Normal   | Add expand/collapse all on data tree   |                         | 14/02/2019 10:29 AM |
| 673  | Feature | New         | High     | code must be documented  |                         | 14/02/2019 10:29 AM |
| 654  | Feature | Resolved    | High     | Horizontal Zoom  |                         | 14/02/2019 10:29 AM |
| 640  | Feature | New         | Normal   | Feature "Same As" for data time selection  |                         | 14/02/2019 10:29 AM |
| 365  | Feature | New         | Normal   | lecture fichiers CDF   |                         | 11/06/2015 06:03 PM |
| 497  | Feature | In Progress | Normal   | Ajouter une fonction retournant l'etat du cache  | Alexis Jeandet          | 18/09/2015 05:13 PM |
| 474  | Feature | New         | Normal   | Data Download  | Alexis Jeandet          | 21/07/2015 01:38 PM |
| 423  | Feature | New         | Normal   | Dump data frequency over time  | Alexis Jeandet          | 01/06/2015 06:49 PM |
| 366  | Feature | New         | Normal   | visualisation de spectrogrammes  | Alexis Jeandet          | 11/06/2015 06:04 PM |
| 280  | Feature | New         | Normal   | DSU plugin improvment  | Alexis Jeandet          | 12/11/2014 10:06 AM |
| 628  | Feature | New         | Low      | Output folder option   | bruno katra             | 15/02/2016 11:18 PM |
| 339  | Feature | In Progress | Normal   | Implémenter les HK   | bruno katra             | 25/04/2017 06:12 PM |
| 29   | Feature | New         | Normal   | mise à jour LPP IP Core User's Manual  | Jean-Christophe Pellion | 13/12/2013 12:50 PM |
| 4329 | Feature | Resolved    | Normal   | Implement a logging code levels system   | Theo Stassen            | 21/03/2024 02:58 PM |
| 4236 | 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 | Feature | Resolved    | Normal   | Make documentation of all important implemented functions (concerning spectra and waveform manipulation) | Theo Stassen            | 05/05/2023 06:35 PM |
| 4080 | Feature | Resolved    | Normal   | Write installation notice  | Theo Stassen            | 26/04/2023 05:46 PM |
| 593  | Feature | In Progress | Normal   | adapter tm_lfr_period.py au fonctionnement des modes   | Veronique bouzid        | 09/03/2016 01:54 PM |

| #    | Tracker | Status   | Priority | Subject   | Assignee         | Updated             |
|------|---------|----------|----------|---|------------------|---------------------|
| 4075 | Support | Resolved | Normal   | Obtain good result in the comparison of Reference/IDL/python waveforms  |                  | 26/04/2023 04:24 PM |
| 688  | Support | Resolved | High     | No way to add a colorbar into an axis object in qtcharts  |                  | 14/02/2019 10:29 AM |
| 718  | Support | New      | Normal   | QCdf should standardize extracted Time  | Alexis Jeandet   | 14/02/2019 10:29 AM |
| 486  | Support | Feedback | Urgent   | SSS-CP-FS-340 : Design or Test  | bruno katra      | 02/10/2015 07:42 AM |
| 4207 | Support | Resolved | Normal   | New tries concerning the differences between python and matlab results  | Theo Stassen     | 27/10/2023 05:43 PM |
| 4197 | Support | Resolved | Normal   | Research with laurent about the difference of code results and experimentations                                       | Theo Stassen     | 17/10/2023 04:50 PM |
| 4084 | 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 | 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 |
| 872  | Support | New      | Normal   | Comportement lorsque l'on ne masque que 2 bins // Reaction Wheel  | thomas chust     | 30/12/2016 04:32 PM |
| 1091 | Support | Feedback | Normal   | Lost some BP packets in BURST mode  | Veronique bouzid | 28/04/2017 01:33 PM |
| 1090 | Support | Feedback | Normal   | Back to time management   | Veronique bouzid | 28/04/2017 01:24 PM |
| 494  | Support | Feedback | Normal   | Gestion timecode  | Veronique bouzid | 18/09/2015 02:01 PM |
| 3814 | Task    | New      | High     | Electronics BBM   |                  | 30/05/2021 04:53 PM |
| 3813 | Task    | New      | High     | BBM   |                  | 30/05/2021 04:53 PM |
| 3619 | Task    | New      | Normal   | Répartition des tâches  |                  | 01/02/2021 09:34 AM |
| 3144 | Task    | New      | Normal   | Remove variable type inference from metadata "static DataSeriesType findDataSeriesType(const QVariantHash &metadata)" |                  | 14/02/2019 10:37 AM |
| 2509 | Task    | New      | Normal   | Ajouter l'opération d'annulation  |                  | 14/02/2019 09:59 AM |
| 2498 | Task    | New      | Normal   | SearchBox modifie le catalogue et son attribut requête  |                  | 14/02/2019 09:59 AM |
| 2497 | Task    | New      | Normal   | Suppression d'un Evènement  |                  | 14/02/2019 09:59 AM |
| 2495 | Task    | New      | Normal   | Ajouter un Catalogue dynamique  |                  | 14/02/2019 09:59 AM |
| 2494 | Task    | New      | Normal   | Filtre les évènements   |                  | 14/02/2019 09:59 AM |
| 2493 | Task    | New      | Normal   | Widget malin et ergonomique   |                  | 14/02/2019 09:59 AM |
| 2492 | Task    | New      | Normal   | Ajout/suppression du menu File  |                  | 14/02/2019 09:59 AM |
| 2491 | Task    | New      | Normal   | Changement version sciqlop  |                  | 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 |
| 2488 | Task    | New      | Normal   | Création de catalogue à partir d'union d'autre catalogues   |                  | 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 |
| 2486 | Task    | New      | Normal   | Ajouter un DB via un menu dédié   |                  | 14/02/2019 09:59 AM |
| 2483 | Task    | New      | Normal   | Affichage d'un catalogue sur une zone   |                  | 14/02/2019 09:59 AM |
| 2482 | Task    | New      | Normal   | Suppression d'évènement   |                  | 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 |
| 2479 | Task    | New      | Normal   | Suppression des catalogues décochées  |                  | 14/02/2019 09:59 AM |

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|------|---------|-------------|----------|--|----------|---------------------|
| 2478 | Task    | New         | Normal   | Affichage des catalogues cochées                                     |          | 14/02/2019 09:59 AM |
| 2477 | Task    | New         | Normal   | L'affichage utilise les événements/catalogues dans leur état modifié |          | 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 |
| 2460 | Task    | Feedback    | Normal   | Augmentation des marges lors du drop d'une variable                  |          | 14/02/2019 09:59 AM |
| 2455 | Task    | New         | Normal   | Mauvaise synchronisation entre deux graphes                          |          | 14/02/2019 09:59 AM |
| 2448 | Task    | New         | Normal   | SearchBox modifie le catalogue et son attribut requête               |          | 14/02/2019 09:59 AM |
| 2444 | Task    | New         | Normal   | Actions « Empty Trash » depuis menu contextuel                       |          | 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 |
| 2442 | Task    | New         | Normal   | Restauration d'un Evènement  |          | 14/02/2019 09:59 AM |
| 2441 | Task    | New         | Normal   | Suppression de tous les Evènements                                   |          | 14/02/2019 09:59 AM |
| 2440 | Task    | New         | Normal   | Suppression d'un Evènement   |          | 14/02/2019 09:59 AM |
| 2439 | Task    | New         | Normal   | Ajout d'un Evènement   |          | 14/02/2019 09:59 AM |
| 2390 | Task    | New         | Normal   | Mauvaise représentation Y des spectrogrammes                         |          | 14/02/2019 09:59 AM |
| 2251 | Task    | New         | Normal   | Amélioration du drop sur un graphe existant                          |          | 14/02/2019 09:59 AM |
| 2238 | Task    | New         | Normal   | Zoom sur l'axe Y d'un spectrogramme                                  |          | 14/02/2019 09:59 AM |
| 2222 | Task    | New         | Normal   | Drop d'évènements dans la visu                                       |          | 14/02/2019 09:59 AM |
| 2214 | Task    | New         | Normal   | Diff de catalogue  |          | 14/02/2019 09:59 AM |
| 2165 | Task    | New         | Normal   | Drop de produits dans la visu  |          | 14/02/2019 09:59 AM |
| 2118 | Task    | New         | Normal   | Intégrer le nouveau format JSON                                      |          | 14/02/2019 09:59 AM |
| 2117 | Task    | New         | Normal   | Identifier un trou de donnée   |          | 14/02/2019 09:59 AM |
| 2110 | Task    | New         | Normal   | Test fonctionnelles AMDA aléatoire                                   |          | 14/02/2019 09:59 AM |
| 2109 | Task    | In Progress | Normal   | MAJ Test fonctionnelles AMDA   |          | 14/02/2019 09:59 AM |
| 2108 | Task    | In Progress | Normal   | Test unitaires complémentaires                                       |          | 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 |
| 2102 | Task    | New         | Normal   | Vérifier le paramétrage de la synchronisation                        |          | 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 |
| 2083 | Task    | New         | Normal   | Widget de configuration du mock                                      |          | 14/02/2019 09:59 AM |
| 2082 | Task    | New         | Normal   | Mock rampe   |          | 14/02/2019 09:59 AM |
| 2081 | Task    | New         | Normal   | Sciqlop sur MAC  |          | 14/02/2019 09:59 AM |
| 2061 | Task    | New         | Normal   | design + implementation sélection temps versus orbit                 |          | 14/02/2019 09:59 AM |
| 2060 | Task    | New         | Normal   | Settings plot par défaut + ergonomie (axes, légendes..)              |          | 14/02/2019 09:59 AM |
| 2059 | Task    | New         | Normal   | debug/feedback curseurs zones  |          | 14/02/2019 09:59 AM |
| 2058 | Task    | New         | Normal   | Design et implementation curseurs/zone dans les plots                |          | 14/02/2019 09:59 AM |

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|------|---------|-------------|-----------|--|----------------|---------------------|
| 2057 | Task    | New         | Normal    | feedback debug GUI catalog   |                | 14/02/2019 09:59 AM |
| 2056 | Task    | New         | Normal    | implémentation du GUI catalog  |                | 14/02/2019 09:59 AM |
| 2055 | Task    | New         | Normal    | design GUI catalog   |                | 14/02/2019 09:59 AM |
| 2054 | Task    | New         | Normal    | feedback/debug spectro   |                | 14/02/2019 09:59 AM |
| 2052 | Task    | New         | Normal    | layout dynamique des plots   |                | 14/02/2019 09:59 AM |
| 2051 | Task    | New         | Normal    | debug/feedback backend catalog   |                | 14/02/2019 09:59 AM |
| 2050 | Task    | New         | Normal    | implémentation du backend catalog  |                | 14/02/2019 09:59 AM |
| 2049 | Task    | New         | Normal    | design backend catalog   |                | 14/02/2019 09:59 AM |
| 2048 | Task    | New         | Normal    | Drag and Drop  |                | 14/02/2019 09:59 AM |
| 1948 | Task    | New         | Normal    | Lancer l'annulation de la requête en cas de timeout de débit                         |                | 14/02/2019 10:16 AM |
| 1947 | Task    | New         | Normal    | Mettre en place un timeout lié à la perte de débit                                   |                | 14/02/2019 10:16 AM |
| 1880 | Task    | New         | Normal    | Révision de la conception du doc API   |                | 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 |
| 1786 | Task    | New         | High      | Affichage d'une marqueur vertical  |                | 14/02/2019 10:16 AM |
| 1756 | Task    | New         | Urgent    | Mock sous linux  |                | 14/02/2019 10:16 AM |
| 1706 | Task    | New         | High      | Widget de connexion a AMDA   |                | 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 |
| 1677 | Task    | New         | Normal    | Création d'une zone de visualisation depuis l'arborescence de données (menu)         |                | 14/02/2019 10:16 AM |
| 1589 | Task    | New         | Normal    | Regarder l'cov sous windows  |                | 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 |
| 1453 | Task    | New         | Immediate | Ajout d'une variable dans un graphe existant 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 |
| 1435 | Task    | New         | Immediate | Création d'une zone de visualisation depuis un catalogue (drag-and-drop)             |                | 14/02/2019 10:16 AM |
| 1376 | 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 |
| 1274 | Task    | New         | Low       | Acquisition de données (API générale)  |                | 14/02/2019 10:16 AM |
| 1273 | Task    | In Progress | Normal    | Lecture du squelette (API générale)  |                | 14/02/2019 10:16 AM |
| 704  | Task    | New         | Normal    | Readme in QLOP source code   |                | 14/02/2019 10:16 AM |
| 674  | Task    | New         | Normal    | code comments  |                | 14/02/2019 10:16 AM |
| 663  | Task    | In Progress | Normal    | Improve filter performance in space data tree  |                | 14/02/2019 10:16 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 |
| 3877 | Task    | In Progress | Normal    | Matrices de passage par défaut pour les ASM : à valider                              | Alexis Jeandet | 11/03/2022 06:55 PM |
| 1378 | Task    | New         | Immediate | Test LFR boot Vs Temperature Vs sub_1V5 voltage                                      | Alexis Jeandet | 12/05/2017 04:29 PM |

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|------|---------|-------------|----------|--|-------------------------|---------------------|
| 697  | Task    | New         | Normal   | LFR technical specification updates related to FSW-R3+   | Alexis Jeandet          | 22/06/2018 05:24 PM |
| 260  | Task    | New         | High     | Part Stress Analysis   | Alexis Jeandet          | 21/11/2014 09:30 AM |
| 126  | Task    | New         | Normal   | Fill the feature page  | Alexis Jeandet          | 23/04/2014 08:42 AM |
| 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 |
| 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 |
| 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 |
| 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 |
| 3850 | Task    | New         | High     | Validate BBM board(s)  | Dominique Alison        | 20/05/2021 04:17 PM |
| 228  | Task    | In Progress | Normal   | DECIMATION   | Jean-Christophe Pellion | 05/06/2015 03:25 PM |
| 16   | Task    | In Progress | Normal   | Documentation système du module Spectral Matrices"   | Jean-Christophe Pellion | 10/02/2015 04:28 PM |
| 15   | Task    | New         | Normal   | Taux de remplissage des FIFOs du waveform picker   | Jean-Christophe Pellion | 03/12/2013 10:10 AM |
| 3613 | Task    | In Progress | Normal   | Liste du matériel/logiciel   | joel moutoussamy        | 23/01/2021 05:30 PM |
| 3612 | Task    | In Progress | Normal   | Analyse du cahier des charges  | joel moutoussamy        | 23/01/2021 05:27 PM |
| 4003 | Task    | New         | Normal   | MàJ du document Ground Segment Development Plan for RPWI   | Laurent Mirioni         | 07/12/2022 05:30 PM |
| 4001 | Task    | New         | Normal   | Adapter le code IDL d'MMS/SCM à JUICE/SCM  | Laurent Mirioni         | 07/12/2022 07:44 AM |
| 4000 | Task    | In Progress | High     | Formatage des commentaires MMS/SCM   | Laurent Mirioni         | 04/01/2023 12:04 PM |
| 3998 | Task    | New         | High     | Documenter le code MMS/SCM avec IDLdoc   | Laurent Mirioni         | 04/01/2023 12:04 PM |
| 2047 | Task    | New         | Normal   | test import/export VOTable   | Laurent Mirioni         | 14/02/2019 09:59 AM |
| 2046 | Task    | New         | Normal   | arbre JSON   | Laurent Mirioni         | 14/02/2019 09:59 AM |
| 2045 | Task    | In Progress | High     | aide spectro   | Laurent Mirioni         | 14/02/2019 09:59 AM |
| 2044 | Task    | In Progress | Normal   | spectro notebook   | Laurent Mirioni         | 14/02/2019 09:59 AM |
| 4365 | Task    | Resolved    | Normal   | Annual Report writing  | Theo Stassen            | 23/04/2024 03:24 PM |
| 4364 | Task    | Resolved    | Normal   | Benchmarking of the code execution for really big files  | Theo Stassen            | 23/04/2024 03:22 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 |
| 4362 | Task    | Resolved    | Normal   | Meeting with Alessandro on the calibration results   | Theo Stassen            | 23/04/2024 03:18 PM |
| 4361 | Task    | Resolved    | Normal   | Produce and test the creation of big quicklooks with calibrated data   | Theo Stassen            | 23/04/2024 03:18 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 |
| 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 |
| 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 |

| #    | Tracker | Status      | Priority | Subject   | Assignee     | Updated             |
|------|---------|-------------|----------|---|--------------|---------------------|
| 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 |
| 4344 | Task    | Resolved    | Normal   | Test the extract of temperatures data   | Theo Stassen | 08/04/2024 04:32 PM |
| 4343 | Task    | Resolved    | Normal   | Search different support data (temperatures, reaction wheels, etc)  | Theo Stassen | 08/04/2024 04:31 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 |
| 4328 | Task    | Resolved    | Normal   | Research to find a standardisation system for logging, and experiments  | Theo Stassen | 21/03/2024 03:01 PM |
| 4327 | Task    | Resolved    | Normal   | Resolve the problem concerning SID3 2024 extraction   | Theo Stassen | 21/03/2024 02:37 PM |
| 4326 | Task    | Resolved    | Normal   | Resolve the problem concerning cdfs epoch extraction for 2024   | Theo Stassen | 21/03/2024 02:36 PM |
| 4325 | Task    | Resolved    | Normal   | Generate a directory with quicklooks of all cdfs from 2023/2024   | Theo Stassen | 21/03/2024 12:47 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 |
| 4310 | Task    | Resolved    | Normal   | Improve the GUI by adding a embedded window containing the print content  | Theo Stassen | 23/02/2024 06:57 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 |
| 4308 | Task    | Resolved    | Normal   | Change the way the datetimes are corrected  | Theo Stassen | 23/02/2024 06:55 PM |
| 4307 | Task    | Resolved    | Normal   | Clean and simplify the config files   | Theo Stassen | 23/02/2024 06:54 PM |
| 4306 | Task    | Resolved    | Normal   | Improve and simplify some parameters calls and use  | Theo Stassen | 23/02/2024 06:53 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 |
| 4287 | Task    | Resolved    | Normal   | Add of some modularisation in parameters  | Theo Stassen | 23/02/2024 06:51 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 |
| 4284 | Task    | Resolved    | Normal   | Modify the code to be coherent in physical units  | Theo Stassen | 09/02/2024 06:53 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 |
| 4282 | Task    | Resolved    | Normal   | Create pdf user documentation (Three first iterations)  | Theo Stassen | 09/02/2024 06:49 PM |
| 4268 | Task    | Resolved    | Normal   | Make the writing and initialization parts separated from the others   | Theo Stassen | 19/01/2024 07:06 PM |
| 4267 | Task    | In Progress | Normal   | Creation of a visual documentation of the code  | Theo Stassen | 09/02/2024 06:47 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 |
| 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 |
| 4262 | Task    | Resolved    | Normal   | Add multiple pytests (init, extract, display)   | Theo Stassen | 12/01/2024 06:46 PM |
| 4261 | Task    | Resolved    | Normal   | Discover of pytest and add to pre commit hooks  | Theo Stassen | 12/01/2024 06:46 PM |
| 4260 | Task    | Resolved    | Normal   | Add documentation handle in pre commit hooks  | Theo Stassen | 12/01/2024 06:45 PM |
| 4258 | Task    | Resolved    | Normal   | Creation of a ruff pre commit hook  | Theo Stassen | 12/01/2024 06:44 PM |
| 4257 | Task    | Resolved    | Normal   | Discovering of the Ruff linter and formatter+ experiments   | Theo Stassen | 09/01/2024 06:38 PM |
| 4256 | Task    | Resolved    | Normal   | Gathering and analysis of all remaining open tasks  | Theo Stassen | 09/01/2024 06:37 PM |

| #    | Tracker | Status   | Priority | Subject   | Assignee     | Updated             |
|------|---------|----------|----------|---|--------------|---------------------|
| 4245 | Task    | Resolved | Normal   | Change the code from pyenv environnement to poetry environment  | Theo Stassen | 06/12/2023 02:23 PM |
| 4244 | Task    | Resolved | Normal   | Bug solving for spectrum computation problems   | Theo Stassen | 06/12/2023 02:20 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 |
| 4242 | Task    | Resolved | Normal   | Documentation improvements following the professional training  | Theo Stassen | 06/12/2023 02:18 PM |
| 4241 | Task    | Resolved | Normal   | Software exploration for documentation tools following the professional training.                                     | Theo Stassen | 06/12/2023 02:17 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 |
| 4239 | Task    | Resolved | Normal   | Improvements and bug resolve for temperature spectrum computing and plots   | Theo Stassen | 06/12/2023 02:15 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 |
| 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 |
| 4229 | Task    | Resolved | Normal   | Update documentation for time/solo extract  | Theo Stassen | 21/11/2023 06:50 PM |
| 4228 | Task    | Resolved | Normal   | Make the GUI a general tool, replacing the interact interface   | Theo Stassen | 17/11/2023 07:01 PM |
| 4227 | Task    | Resolved | Normal   | Reorganisation of the python scripts for modularisation   | Theo Stassen | 17/11/2023 06:57 PM |
| 4226 | Task    | Resolved | Normal   | Advances in the comparison between Matlab and python results  | Theo Stassen | 17/11/2023 06:54 PM |
| 4223 | Task    | Resolved | Normal   | Find the problem of difference between matlab and python code   | Theo Stassen | 13/11/2023 06:54 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 4210 | Task    | Resolved | Normal   | Finish complete time extract method   | Theo Stassen | 06/11/2023 11:57 AM |
| 4208 | Task    | Resolved | Normal   | First version of a "time extract" method  | Theo Stassen | 27/10/2023 05:44 PM |
| 4206 | Task    | Resolved | Normal   | Documentation complete add and upgrade  | Theo Stassen | 27/10/2023 05:43 PM |
| 4196 | Task    | Resolved | Normal   | Create script for documentation generation (cleaning/creation/show)   | Theo Stassen | 17/10/2023 04:48 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 |
| 4191 | Task    | Resolved | Normal   | Make the script able to specify freely custom values of any parameters  | Theo Stassen | 10/10/2023 06:56 PM |
| 4190 | Task    | Resolved | Normal   | Make all the variables of input cdf be in output cdf  | Theo Stassen | 10/10/2023 06:55 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 |
| 4181 | Task    | Resolved | Normal   | Code reorganisation to have scripts separately + debugging  | Theo Stassen | 29/09/2023 06:47 PM |
| 4180 | Task    | Resolved | Normal   | JUICE quicklook analysis  | Theo Stassen | 29/09/2023 06:45 PM |



| #    | Tracker | Status      | Priority | Subject  | Assignee     | Updated             |
|------|---------|-------------|----------|--|--------------|---------------------|
| 4179 | Task    | Resolved    | Normal   | Juice files first calibration  | Theo Stassen | 29/09/2023 06:47 PM |
| 4172 | Task    | Resolved    | Normal   | Adapt the calibration / evaluation code to allow JUICE files   | Theo Stassen | 18/09/2023 02:07 PM |
| 4171 | Task    | Resolved    | Normal   | Add buttons to change the content struct   | Theo Stassen | 18/09/2023 02:02 PM |
| 4168 | Task    | Resolved    | Normal   | Improve and resolve problems / bugs concerning interactive plots   | Theo Stassen | 18/09/2023 01:55 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 |
| 4164 | Task    | Resolved    | Normal   | Modify the visuals of interactive and static quicklook to be more modular  | Theo Stassen | 05/09/2023 06:38 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 |
| 4160 | Task    | Resolved    | Normal   | Create a version of quicklook with some parameter buttons that modify spectra  | Theo Stassen | 31/08/2023 06:29 PM |
| 4159 | Task    | Resolved    | Normal   | Find proper solution for zoom / move of data   | Theo Stassen | 31/08/2023 06:28 PM |
| 4158 | Task    | Resolved    | Normal   | Find proper tools and solutions fo allow data refresh in quicklook   | Theo Stassen | 31/08/2023 06:24 PM |
| 4157 | Task    | In Progress | Normal   | Create interactive version of quicklook, to analyse cdf data   | Theo Stassen | 18/09/2023 02:02 PM |
| 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 |
| 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 |
| 4151 | Task    | Resolved    | Normal   | Reorganisation of kernel construction  | Theo Stassen | 21/07/2023 06:56 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 |
| 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 |
| 4145 | Task    | Resolved    | Normal   | Create generic log printer (for log file and/or terminal)  | Theo Stassen | 17/07/2023 11:03 AM |
| 4140 | Task    | Resolved    | Normal   | Resolve the problem with epochs to be able to quicklook data   | Theo Stassen | 10/07/2023 04:56 PM |
| 4139 | Task    | Resolved    | Normal   | Take the python code of David Pisa instead of Matlab code  | Theo Stassen | 10/07/2023 04:52 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 |
| 4133 | Task    | Resolved    | Normal   | Adapt the matlab code for cdf data extraction (JUICE sid7)   | Theo Stassen | 10/07/2023 04:46 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 |
| 4130 | Task    | Resolved    | Normal   | Implement a first bash script, with auto venv use  | Theo Stassen | 03/07/2023 04:49 PM |
| 4129 | Task    | Resolved    | Normal   | Resolve plenty of problems concerning configHandler  | Theo Stassen | 03/07/2023 04:48 PM |
| 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 |
| 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 |
| 4124 | Task    | Resolved    | Normal   | Create script with inline inputs, for calibrate and quicklook  | Theo Stassen | 23/06/2023 12:02 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 |
| 4120 | Task    | Resolved    | Normal   | Add documentation on all code parameters   | Theo Stassen | 19/06/2023 05:45 PM |
| 4117 | Task    | Resolved    | Normal   | Adapt the code to have correct visual representation of SHCB results   | Theo Stassen | 15/06/2023 06:33 PM |

| #    | Tracker | Status      | Priority | Subject   | Assignee     | Updated             |
|------|---------|-------------|----------|---|--------------|---------------------|
| 4116 | Task    | Resolved    | Normal   | Adapt the code to use SCHB mode   | Theo Stassen | 15/06/2023 06:30 PM |
| 4113 | Task    | Resolved    | Normal   | Reorganise functions (kernel conv window, waveform padding, set frequency first, calfactor              | Theo Stassen | 09/06/2023 06:43 PM |
| 4112 | Task    | Resolved    | Normal   | Add freq samp deducing function in deduce parameters  | Theo Stassen | 09/06/2023 06:41 PM |
| 4110 | Task    | Resolved    | Normal   | Analyse fichiers L1A JUICE  | Theo Stassen | 08/06/2023 10:36 AM |
| 4109 | Task    | Resolved    | Normal   | Rewrite the readme with a summary of the documentation  | Theo Stassen | 08/06/2023 10:32 AM |
| 4108 | Task    | Resolved    | Normal   | Sphinx documentation with cross referencing, complete explanations, structurations : evaluation part    | Theo Stassen | 05/06/2023 06:31 PM |
| 4107 | Task    | Resolved    | Normal   | Sphinx documentation with cross referencing, complete explanations, structurations : configuration part | Theo Stassen | 05/06/2023 06:30 PM |
| 4106 | Task    | Resolved    | Normal   | Sphinx documentation with cross referencing, complete explanations, structurations : calibration part   | Theo Stassen | 05/06/2023 06:29 PM |
| 4105 | Task    | Resolved    | Normal   | Create functional Diagram of the code   | Theo Stassen | 05/06/2023 06:27 PM |
| 4103 | Task    | Resolved    | Normal   | Modularisation of calibrate data block  | Theo Stassen | 30/05/2023 11:36 AM |
| 4102 | Task    | Resolved    | Normal   | Config Handler and config files modifications / improvements  | Theo Stassen | 30/05/2023 11:35 AM |
| 4101 | Task    | Resolved    | Normal   | Quicklook computation / plot  | Theo Stassen | 30/05/2023 11:32 AM |
| 4100 | Task    | Resolved    | Normal   | Spectra powers plot / comparison  | Theo Stassen | 30/05/2023 11:36 AM |
| 4099 | Task    | Resolved    | Normal   | Spectra powers computation  | Theo Stassen | 30/05/2023 11:16 AM |
| 4095 | Task    | Resolved    | Normal   | Implement system of class extends for kernel creation and deduce_parameters                             | Theo Stassen | 17/05/2023 05:08 PM |
| 4094 | Task    | Resolved    | Normal   | kernel_creation.py reworked for modularity  | Theo Stassen | 16/05/2023 04:31 PM |
| 4093 | Task    | Resolved    | Normal   | Make class for deduce parameter values, depending on other parameters                                   | Theo Stassen | 17/05/2023 05:03 PM |
| 4092 | Task    | Resolved    | Normal   | default / current / limits config gestion   | Theo Stassen | 16/05/2023 04:28 PM |
| 4091 | Task    | Resolved    | Normal   | Global attributes and cdf name gestion  | Theo Stassen | 16/05/2023 04:27 PM |
| 4089 | Task    | In Progress | Normal   | ConfigHandler modularity implementation   | Theo Stassen | 17/05/2023 05:03 PM |
| 4088 | Task    | Resolved    | Normal   | Completely change ConfigHandler functioning   | Theo Stassen | 16/05/2023 03:40 PM |
| 4087 | Task    | Resolved    | Normal   | Spectra densities plot and comparison   | Theo Stassen | 16/05/2023 03:24 PM |
| 4086 | Task    | Resolved    | Normal   | Spectra densities computation   | Theo Stassen | 16/05/2023 02:19 PM |
| 4085 | Task    | Resolved    | Normal   | Reorganise and simplify spectra related functions   | Theo Stassen | 05/05/2023 06:41 PM |
| 4081 | Task    | Resolved    | Normal   | Create Function that compare idl spectrum and computed spectrum   | Theo Stassen | 27/04/2023 06:19 PM |
| 4079 | Task    | Resolved    | Normal   | Create function that plot multiple spectrograms   | Theo Stassen | 26/04/2023 05:44 PM |
| 4078 | Task    | Resolved    | Normal   | Implement a simple spectrogram plot   | Theo Stassen | 26/04/2023 05:42 PM |
| 4077 | Task    | Resolved    | Normal   | Implement function that compute the spectrogram of a waveform   | Theo Stassen | 26/04/2023 05:41 PM |
| 4076 | Task    | Resolved    | Normal   | Implementation of ConfigHandler class   | Theo Stassen | 26/04/2023 05:39 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 |
| 4070 | Task    | Resolved    | Normal   | Implement function that compare two l1b cdf file data   | Theo Stassen | 11/04/2023 03:09 PM |

| #    | Tracker | Status      | Priority | Subject  | Assignee     | Updated             |
|------|---------|-------------|----------|--|--------------|---------------------|
| 4069 | Task    | Resolved    | Normal   | Implement the cdf writing of results   | 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 |
| 4067 | Task    | In Progress | Normal   | Create Calibrate CDF function  | Theo Stassen | 11/04/2023 03:09 PM |
| 4066 | Task    | Resolved    | Normal   | Implement graphical comparison between idl and python calibration                          | Theo Stassen | 31/03/2023 06:03 PM |
| 4065 | Task    | Resolved    | Normal   | Implement blk_con IDL function   | Theo Stassen | 31/03/2023 06:03 PM |
| 4062 | Task    | Resolved    | Normal   | Correct the documentation strings warnings and pylint errors (if possible)                 | Theo Stassen | 17/03/2023 05:49 PM |
| 4061 | Task    | Resolved    | Normal   | deconvo_vec convolution part   | Theo Stassen | 24/03/2023 05:54 PM |
| 4060 | Task    | Resolved    | Normal   | Unit test deconvo vec (for each window type)   | Theo Stassen | 15/03/2023 04:31 PM |
| 4059 | Task    | Resolved    | Normal   | Trapezoid window creation  | Theo Stassen | 15/03/2023 04:31 PM |
| 4058 | Task    | Resolved    | Normal   | Gaussian window creation   | Theo Stassen | 15/03/2023 04:30 PM |
| 4057 | Task    | Resolved    | Normal   | Coscut window creation   | Theo Stassen | 15/03/2023 04:30 PM |
| 4056 | Task    | Resolved    | Normal   | Shift kernel   | Theo Stassen | 15/03/2023 04:29 PM |
| 4055 | Task    | Resolved    | Normal   | Check real/imag parts  | Theo Stassen | 15/03/2023 04:27 PM |
| 4054 | Task    | Resolved    | Normal   | Hanning window creation  | Theo Stassen | 15/03/2023 04:24 PM |
| 4053 | Task    | Resolved    | Normal   | Create deconvo_vec function (kernel part)  | Theo Stassen | 15/03/2023 04:31 PM |
| 4052 | Task    | Resolved    | Normal   | Full code documentation  | Theo Stassen | 15/03/2023 04:07 PM |
| 4051 | Task    | Resolved    | Normal   | Unit test kernel_creation  | Theo Stassen | 15/03/2023 04:05 PM |
| 4050 | Task    | Resolved    | Normal   | Create the kernel_creation function  | Theo Stassen | 15/03/2023 04:02 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 |
| 4044 | Task    | Resolved    | Normal   | Create unit test for corgain (ant, dfb, bessel)  | Theo Stassen | 14/03/2023 05:49 PM |
| 4043 | Task    | Resolved    | Normal   | Create the complete Kernel   | Theo Stassen | 15/03/2023 04:05 PM |
| 4041 | Task    | Resolved    | Normal   | Unit test Antenna filter   | Theo Stassen | 02/03/2023 10:32 AM |
| 4040 | Task    | Resolved    | Normal   | Unit test DFB  | Theo Stassen | 24/02/2023 05:48 PM |
| 4039 | Task    | Resolved    | Normal   | Unit test Bessel filter  | Theo Stassen | 24/02/2023 05:46 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 |
| 4037 | Task    | Resolved    | Normal   | Bandpass filter  | Theo Stassen | 24/02/2023 05:42 PM |
| 4033 | Task    | Resolved    | Normal   | Fourier transform (and inverse transform) function   | Theo Stassen | 14/03/2023 05:49 PM |
| 4032 | Task    | Resolved    | Normal   | Antenna response function  | Theo Stassen | 02/03/2023 10:31 AM |
| 4031 | Task    | Resolved    | Normal   | DFB filter   | Theo Stassen | 16/02/2023 05:38 PM |
| 4030 | Task    | Resolved    | Normal   | Bessel filter  | Theo Stassen | 15/02/2023 04:57 PM |
| 4029 | Task    | In Progress | Normal   | Extract and export cdf file  | Theo Stassen | 15/02/2023 04:54 PM |
| 4028 | Task    | Resolved    | Normal   | Create Kernel in python  | Theo Stassen | 02/03/2023 10:35 AM |
| 4024 | Task    | New         | Normal   | Première version calibration python  | Theo Stassen | 28/07/2023 07:02 PM |

| #    | Tracker    | Status      | Priority | Subject   | Assignee                | Updated             |
|------|------------|-------------|----------|---|-------------------------|---------------------|
| 492  | Task       | New         | Normal   | Implementation Timing LFR   | Veronique bouzid        | 21/09/2015 09:53 AM |
| 398  | Task       | New         | Normal   | Utilisez le script periodicity.py sur les tests de Gerald         | Veronique bouzid        | 25/05/2015 11:08 AM |
| 20   | Task       | In Progress | Normal   | Version de la grlib ft  | Vincent Leray           | 04/06/2015 03:45 PM |
| 18   | Task       | Feedback    | Normal   | PPBI et programmation des FPGA                                    | Vincent Leray           | 05/01/2015 01:08 PM |
| 314  | Test case  | New         | Normal   | signaux tests pour CoreFFT - série 8 (deux cosinus)               | Jean-Christophe Pellion | 18/02/2015 04:47 PM |
| 3337 | User story | New         | High     | Display events of selected catalogues on plots                    |                         | 19/02/2019 10:05 AM |
| 3336 | User story | New         | High     | Catalogue import and export                                       |                         | 14/02/2019 05:16 PM |
| 3335 | User story | New         | High     | Re-enable data cache  |                         | 19/02/2019 10:11 AM |
| 3334 | User story | New         | High     | Python Variables/product interface                                |                         | 19/02/2019 09:59 AM |
| 3143 | User story | New         | Normal   | Various code cleaning   |                         | 14/02/2019 10:37 AM |
| 2501 | User story | In Progress | Normal   | Mise en place de tests aléatoires sur l'acquisition               |                         | 14/02/2019 09:59 AM |
| 2457 | User story | In Progress | Normal   | Retours sur le drag&drop  |                         | 14/02/2019 09:59 AM |
| 2451 | User story | In Progress | Normal   | Correction d'anomalies sur l'acquisition de données               |                         | 14/02/2019 09:59 AM |
| 2417 | User story | In Progress | Normal   | Catalogues dynamiques   |                         | 14/02/2019 09:59 AM |
| 2416 | User story | New         | Normal   | SearchBox   |                         | 14/02/2019 09:59 AM |
| 2415 | User story | In Progress | Normal   | Divers  |                         | 14/02/2019 09:59 AM |
| 2414 | User story | New         | Normal   | Operations sur les catalogues                                     |                         | 14/02/2019 09:59 AM |
| 2413 | User story | New         | Normal   | Import/Export DB  |                         | 14/02/2019 09:59 AM |
| 2412 | User story | In Progress | Normal   | Drag And drop Catalogue   |                         | 14/02/2019 09:59 AM |
| 2411 | User story | New         | Normal   | Affichage des catalogues  |                         | 14/02/2019 09:59 AM |
| 2406 | User story | In Progress | Normal   | Catalogues statiques  |                         | 14/02/2019 09:59 AM |
| 2405 | User story | New         | Normal   | Corbeille   |                         | 14/02/2019 09:59 AM |
| 2384 | User story | New         | Normal   | Améliorations sur l'affichage des spectrogrammes                  |                         | 14/02/2019 09:59 AM |
| 2382 | User story | New         | Normal   | Tri des données pour les spectrogrammes                           |                         | 14/02/2019 09:59 AM |
| 2233 | User story | In Progress | Normal   | Affichage d'un spectrogramme                                      |                         | 14/02/2019 09:59 AM |
| 2220 | User story | In Progress | Normal   | Implémentation du Drag and Drop dans la visualisation - Catalogue |                         | 14/02/2019 09:59 AM |
| 2187 | User story | In Progress | Normal   | Méthodes avancées des catalogues                                  |                         | 14/02/2019 09:59 AM |
| 2175 | User story | New         | Normal   | Drag And drop de catalogue vers SciQlop                           |                         | 14/02/2019 09:59 AM |
| 2107 | User story | In Progress | Normal   | Tests unitaires et fonctionnelles de SciQlop mis projet           |                         | 14/02/2019 09:59 AM |
| 2100 | User story | In Progress | Normal   | Acquisition de données -complement 1                              |                         | 14/02/2019 09:59 AM |
| 2097 | User story | New         | Normal   | Améliorations sur le widget de variables                          |                         | 14/02/2019 09:59 AM |
| 2095 | User story | In Progress | Normal   | Configuration du serveur AMDA                                     |                         | 14/02/2019 09:59 AM |

| #    | Tracker    | Status      | Priority  | Subject   | Assignee | Updated             |
|------|------------|-------------|-----------|---|----------|---------------------|
| 2087 | User story | In Progress | Normal    | Acquisition de données  |          | 14/02/2019 09:59 AM |
| 2080 | User story | In Progress | High      | Taches provenant du sprint 8                                    |          | 14/02/2019 09:59 AM |
| 1954 | User story | New         | Normal    | Analyse des catalogues  |          | 14/02/2019 10:09 AM |
| 1946 | User story | New         | Normal    | Gestion de l'échec d'une acquisition                            |          | 14/02/2019 10:06 AM |
| 1755 | User story | In Progress | Urgent    | Génération de setup Windows & linux                             |          | 14/02/2019 10:16 AM |
| 1702 | User story | New         | Normal    | Robustesse visualization  |          | 14/02/2019 10:09 AM |
| 1699 | User story | New         | Normal    | Stratégie de redéfinition du [TS,TE]                            |          | 14/02/2019 10:09 AM |
| 1690 | User story | New         | Immediate | Visualisation d'une variable dans un graphe                     |          | 14/02/2019 10:09 AM |
| 1599 | User story | New         | Normal    | Affichage des métadonnées d'une source de donnée                |          | 14/02/2019 10:09 AM |
| 1590 | User story | New         | Normal    | Généralisation lcov sous linux                                  |          | 14/02/2019 10:09 AM |
| 1588 | User story | New         | Normal    | Ajout des controles de cohérences                               |          | 14/02/2019 10:09 AM |
| 1574 | User story | New         | Normal    | Action d'ajout suppression d'un onglet depuis le menu           |          | 14/02/2019 10:09 AM |
| 1487 | User story | In Progress | Normal    | Gestion des variables (inspecteur de variables) -affichage      |          | 14/02/2019 10:09 AM |
| 1372 | User story | In Progress | Low       | Récupération des données (serveurs de données) - API Definition |          | 14/02/2019 10:16 AM |
| 1343 | User story | New         | Normal    | Gestion des téléchargements de données                          |          | 14/02/2019 10:09 AM |
| 1342 | User story | New         | High      | Consultation de la barre de statut                              |          | 14/02/2019 10:09 AM |
| 1341 | User story | New         | Immediate | Edition à partir des orbites des satellites                     |          | 14/02/2019 10:09 AM |
| 1337 | User story | New         | Immediate | Export de données de catalogue                                  |          | 14/02/2019 10:09 AM |
| 1336 | User story | New         | Immediate | Export d'un catalogue   |          | 14/02/2019 10:09 AM |
| 1335 | User story | New         | Urgent    | Export de tous les graphes sous forme d'image                   |          | 14/02/2019 10:09 AM |
| 1333 | User story | New         | Urgent    | Export d'un graphe sous forme d'image (menu)                    |          | 14/02/2019 10:09 AM |
| 1332 | User story | New         | Immediate | Ouverture d'un graphe récemment consulté                        |          | 14/02/2019 10:09 AM |
| 1331 | User story | New         | Immediate | Chargement de la disposition des widgets                        |          | 14/02/2019 10:09 AM |
| 1330 | User story | New         | Immediate | Chargement de l'état de visualisation des graphes               |          | 14/02/2019 10:09 AM |
| 1329 | User story | New         | Immediate | Chargement de la liste des variables                            |          | 14/02/2019 10:09 AM |
| 1328 | User story | New         | Immediate | Enregistrement de la disposition des widgets                    |          | 14/02/2019 10:09 AM |
| 1327 | User story | New         | Immediate | Enregistrement de l'état de visualisation des graphes           |          | 14/02/2019 10:09 AM |
| 1326 | User story | New         | Immediate | Enregistrement de la liste des variables                        |          | 14/02/2019 10:09 AM |
| 1325 | User story | New         | Immediate | Consultation de l'historique d'un catalogue                     |          | 14/02/2019 10:09 AM |
| 1324 | User story | New         | Urgent    | Consultation des instruments d'un catalogue                     |          | 14/02/2019 10:09 AM |
| 1323 | User story | New         | Urgent    | Consultation des missions d'un catalogue                        |          | 14/02/2019 10:09 AM |
| 1322 | User story | New         | Urgent    | Affichage d'une étiquette de catalogue                          |          | 14/02/2019 10:09 AM |
| 1321 | User story | New         | Immediate | Filtrage du calogue par mini interpréteur                       |          | 14/02/2019 10:09 AM |

| #    | Tracker    | Status | Priority  | Subject  | Assignee | Updated             |
|------|------------|--------|-----------|--|----------|---------------------|
| 1320 | User story | New    | Urgent    | Filtrage du catalogue par tag                            |          | 14/02/2019 10:09 AM |
| 1319 | User story | New    | Urgent    | Filtrage du catalogue par search box                     |          | 14/02/2019 10:09 AM |
| 1318 | User story | New    | Urgent    | Tri du catalogue par mission                             |          | 14/02/2019 10:09 AM |
| 1317 | User story | New    | Urgent    | Tri du catalogue par instrument                          |          | 14/02/2019 10:09 AM |
| 1316 | User story | New    | Urgent    | Tri du catalogue par nom                                 |          | 14/02/2019 10:09 AM |
| 1315 | User story | New    | Urgent    | Duplication des catalogues                               |          | 14/02/2019 10:09 AM |
| 1314 | User story | New    | Urgent    | Suppression des catalogues et des étiquettes             |          | 14/02/2019 10:09 AM |
| 1313 | User story | New    | Urgent    | Sélection des catalogues et des étiquettes               |          | 14/02/2019 10:09 AM |
| 1312 | User story | New    | Urgent    | Ajout d'une étiquette dans le catalogue                  |          | 14/02/2019 10:09 AM |
| 1311 | User story | New    | Immediate | Création d'un sous-catalogue                             |          | 14/02/2019 10:09 AM |
| 1310 | User story | New    | Urgent    | Création d'un catalogue                                  |          | 14/02/2019 10:09 AM |
| 1309 | User story | New    | Normal    | Visualisation des variables depuis l'interpréteur        |          | 14/02/2019 10:09 AM |
| 1308 | User story | New    | High      | Affichage des variables dans l'interpréteur              |          | 14/02/2019 10:09 AM |
| 1307 | User story | New    | Normal    | Application de traitement des données via l'interpréteur |          | 14/02/2019 10:09 AM |
| 1306 | User story | New    | Normal    | Action sur les variables                                 |          | 14/02/2019 10:09 AM |
| 1305 | User story | New    | Normal    | Chargement de données via l'interpréteur                 |          | 14/02/2019 10:09 AM |
| 1304 | User story | New    | Normal    | Interpréteur Python                                      |          | 14/02/2019 10:09 AM |
| 1303 | User story | New    | Normal    | Traitement des produits virtuels                         |          | 14/02/2019 10:09 AM |
| 1302 | User story | New    | Normal    | Affichage des traitements disponibles                    |          | 14/02/2019 10:09 AM |
| 1295 | User story | New    | Immediate | Filtrage de l'arborescence par mini interpréteur         |          | 14/02/2019 10:09 AM |
| 1294 | User story | New    | Urgent    | Filtrage de l'arborescence par tag                       |          | 14/02/2019 10:09 AM |
| 1292 | User story | New    | Urgent    | Tri de l'arborescence par mission                        |          | 14/02/2019 10:09 AM |
| 1291 | User story | New    | Urgent    | Tri de l'arborescence par cible                          |          | 14/02/2019 10:09 AM |
| 1290 | User story | New    | Urgent    | Tri de l'arborescence par nom                            |          | 14/02/2019 10:09 AM |
| 1285 | User story | New    | Immediate | Acquisition de données                                   |          | 14/02/2019 10:09 AM |
| 1284 | User story | New    | Immediate | Lecture du squelette                                     |          | 14/02/2019 10:09 AM |
| 1283 | User story | New    | Normal    | Acquisition de données                                   |          | 14/02/2019 10:09 AM |
| 1282 | User story | New    | Normal    | Lecture du squelette                                     |          | 14/02/2019 10:09 AM |
| 1281 | User story | New    | Normal    | Acquisition de données                                   |          | 14/02/2019 10:09 AM |
| 1280 | User story | New    | Normal    | Lecture du squelette                                     |          | 14/02/2019 10:09 AM |
| 1279 | User story | New    | Normal    | Configuration du serveur CDAWeb                          |          | 14/02/2019 10:09 AM |
| 1275 | User story | New    | Immediate | Lecture des données                                      |          | 14/02/2019 10:09 AM |
| 1272 | User story | New    | Immediate | Affichage des sources de données                         |          | 14/02/2019 10:09 AM |

| #    | Tracker    | Status | Priority  | Subject  | Assignee | Updated             |
|------|------------|--------|-----------|--|----------|---------------------|
| 1271 | User story | New    | Normal    | Configuration du serveur provenant d'un plugin                           |          | 14/02/2019 10:09 AM |
| 1270 | User story | New    | Urgent    | Accès aux données "catalogue" d'un graphe                                |          | 14/02/2019 10:09 AM |
| 1269 | User story | New    | Immediate | Accès aux données "caveats" d'un graphe                                  |          | 14/02/2019 10:09 AM |
| 1268 | User story | New    | Immediate | Copie de style de graphe   |          | 14/02/2019 10:09 AM |
| 1267 | User story | New    | Immediate | Modification des styles propres aux valeurs d'énumération                |          | 14/02/2019 10:09 AM |
| 1266 | User story | New    | Urgent    | Modification des styles propres aux spectrogrammes                       |          | 14/02/2019 10:09 AM |
| 1265 | User story | New    | Immediate | Modification des styles propres aux données tensorielles                 |          | 14/02/2019 10:09 AM |
| 1264 | User story | New    | Urgent    | Modification des styles propres aux données vectorielles                 |          | 14/02/2019 10:09 AM |
| 1263 | User story | New    | Urgent    | Modification des styles propres aux données scalaires                    |          | 14/02/2019 10:09 AM |
| 1262 | User story | New    | Immediate | Modification du texte des labels d'un axe de graphe                      |          | 14/02/2019 10:09 AM |
| 1261 | User story | New    | Immediate | Modification de la couleur des labels d'un axe de graphe                 |          | 14/02/2019 10:09 AM |
| 1260 | User story | New    | High      | Modification du format de la date d'une axe de graphe temporel           |          | 14/02/2019 10:09 AM |
| 1259 | User story | New    | High      | Modification de la fréquence de ticks d'un axe de graphe                 |          | 14/02/2019 10:09 AM |
| 1258 | User story | New    | High      | Modification du style d'une variable de type scalaire ou vectoriel       |          | 14/02/2019 10:09 AM |
| 1257 | User story | New    | High      | Modification de l'épaisseur d'une variable de type scalaire ou vectoriel |          | 14/02/2019 10:09 AM |
| 1256 | User story | New    | High      | Modification de la couleur d'une variable de type scalaire ou vectoriel  |          | 14/02/2019 10:09 AM |
| 1255 | User story | New    | Immediate | Etiquetage pour données "caveats" d'un intervalle dans un graphe         |          | 14/02/2019 10:09 AM |
| 1254 | User story | New    | Urgent    | Etiquetage pour données "catalogue" d'un intervalle dans un graphe       |          | 14/02/2019 10:09 AM |
| 1253 | User story | New    | High      | Affichage d'un marqueur vertical sur un graphe                           |          | 14/02/2019 10:09 AM |
| 1248 | User story | New    | Immediate | Facteur de Zoom  |          | 14/02/2019 10:09 AM |
| 1247 | User story | New    | Immediate | Affichage de la plage temporelle par défaut                              |          | 14/02/2019 10:09 AM |
| 1245 | User story | New    | Immediate | Zoom rectangle sur l'axe en X d'un graphe                                |          | 14/02/2019 10:09 AM |
| 1244 | User story | New    | Immediate | Zoom sur l'axe en Y d'un graphe (bouton)                                 |          | 14/02/2019 10:09 AM |
| 1242 | User story | New    | Immediate | Zoom sur l'axe en X d'un graphe (bouton)                                 |          | 14/02/2019 10:09 AM |
| 1240 | User story | New    | Normal    | Gestion des données manquantes   |          | 14/02/2019 10:09 AM |
| 1239 | User story | New    | High      | Déplacement de la légende d'un graphe                                    |          | 14/02/2019 10:09 AM |
| 1238 | User story | New    | High      | Affichage de la légende d'un graphe                                      |          | 14/02/2019 10:09 AM |
| 1236 | User story | New    | High      | Accès à la valeur d'une donnée de variable de type tensoriel             |          | 14/02/2019 10:09 AM |
| 1235 | User story | New    | Normal    | Accès à la valeur d'une donnée de variable de type vectoriel             |          | 14/02/2019 10:09 AM |
| 1233 | User story | New    | Immediate | Organisation de l'ordre des onglets de visualisation                     |          | 14/02/2019 10:09 AM |
| 1232 | User story | New    | Urgent    | Ouverture d'un onglet de visualisation dans une nouvelle fenêtre         |          | 14/02/2019 10:09 AM |
| 1230 | User story | New    | Normal    | Suppression d'un onglet de visualisation (menu)                          |          | 14/02/2019 10:09 AM |
| 1228 | User story | New    | Normal    | Création d'un onglet de visualisation (menu)                             |          | 14/02/2019 10:09 AM |

| #    | Tracker    | Status      | Priority  | Subject   | Assignee          | Updated             |
|------|------------|-------------|-----------|---|-------------------|---------------------|
| 1221 | User story | New         | Immediate | Création d'une zone de visualisation depuis un catalogue (menu)         |                   | 14/02/2019 10:09 AM |
| 1213 | User story | New         | Immediate | Multiplicité d'affichage des variables                                  |                   | 14/02/2019 10:09 AM |
| 1208 | User story | New         | Urgent    | Ajout d'une variable dans un nouveau graphe depuis un catalogue (menu)  |                   | 14/02/2019 10:09 AM |
| 1202 | User story | New         | Urgent    | Ajout d'une variable dans un graphe existant depuis un catalogue (menu) |                   | 14/02/2019 10:09 AM |
| 1200 | User story | New         | Normal    | Respect des unités des variables (axe en Y)                             |                   | 14/02/2019 10:09 AM |
| 1199 | User story | New         | Normal    | Respect des unités des variables (axe en X)                             |                   | 14/02/2019 10:09 AM |
| 1198 | User story | New         | Immediate | Modification de la base d'affichage d'un spectrogramme                  |                   | 14/02/2019 10:09 AM |
| 1197 | User story | New         | Immediate | Modification de la base d'affichage d'un tenseur                        |                   | 14/02/2019 10:09 AM |
| 1196 | User story | New         | High      | Sélection du mode d'affichage vectoriel                                 |                   | 14/02/2019 10:09 AM |
| 1195 | User story | New         | High      | Affichage d'un vecteur sous forme de flèches                            |                   | 14/02/2019 10:09 AM |
| 1194 | User story | New         | Immediate | Modification de la base d'affichage d'un vecteur                        |                   | 14/02/2019 10:09 AM |
| 1193 | User story | New         | Immediate | Affichage de l'hodographe d'un vecteur                                  |                   | 14/02/2019 10:09 AM |
| 1192 | User story | New         | Immediate | Affichage de la norme d'un vecteur                                      |                   | 14/02/2019 10:09 AM |
| 1191 | User story | New         | Immediate | Modification de la base d'affichage d'un scalaire                       |                   | 14/02/2019 10:09 AM |
| 1190 | User story | New         | Urgent    | Représentation des données  |                   | 14/02/2019 10:09 AM |
| 1189 | User story | New         | Immediate | Visualisation de valeurs d'énumération                                  |                   | 14/02/2019 10:09 AM |
| 1188 | User story | New         | High      | Unicité tensorielle dans un graphe                                      |                   | 14/02/2019 10:09 AM |
| 1186 | User story | New         | High      | Uniformité des unités des variables dans un graphe                      |                   | 14/02/2019 10:09 AM |
| 1184 | User story | New         | Urgent    | Visualisation de données tensorielles                                   |                   | 14/02/2019 10:09 AM |
| 1169 | User story | In Progress | Normal    | Récupération des données (bouchon distant type serveur)                 |                   | 14/02/2019 10:09 AM |
| 1158 | User story | In Progress | Normal    | Visualisation d'une zone de visualisation dans un onglet                |                   | 14/02/2019 10:09 AM |
| 1157 | User story | In Progress | Normal    | Visualisation d'une graphe dans une zone de visualisation               |                   | 14/02/2019 10:09 AM |
| 1180 | User story | In Progress | Normal    | Initialisation du projet  | adminlpp adminlpp | 14/02/2019 10:09 AM |
| 2106 | Epic story | New         | Normal    | Tests unitaires et fonctionnelles de SciQlop                            |                   | 14/02/2019 09:59 AM |
| 1576 | Epic story | New         | Immediate | Remaining action  |                   | 14/02/2019 10:29 AM |
| 1471 | Epic story | New         | Normal    | Cross compilation windows sous linux                                    |                   | 14/02/2019 10:29 AM |
| 1469 | Epic story | New         | Urgent    | Visualisation d'une variable dans un graphe - Catalogue                 |                   | 14/02/2019 10:29 AM |

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